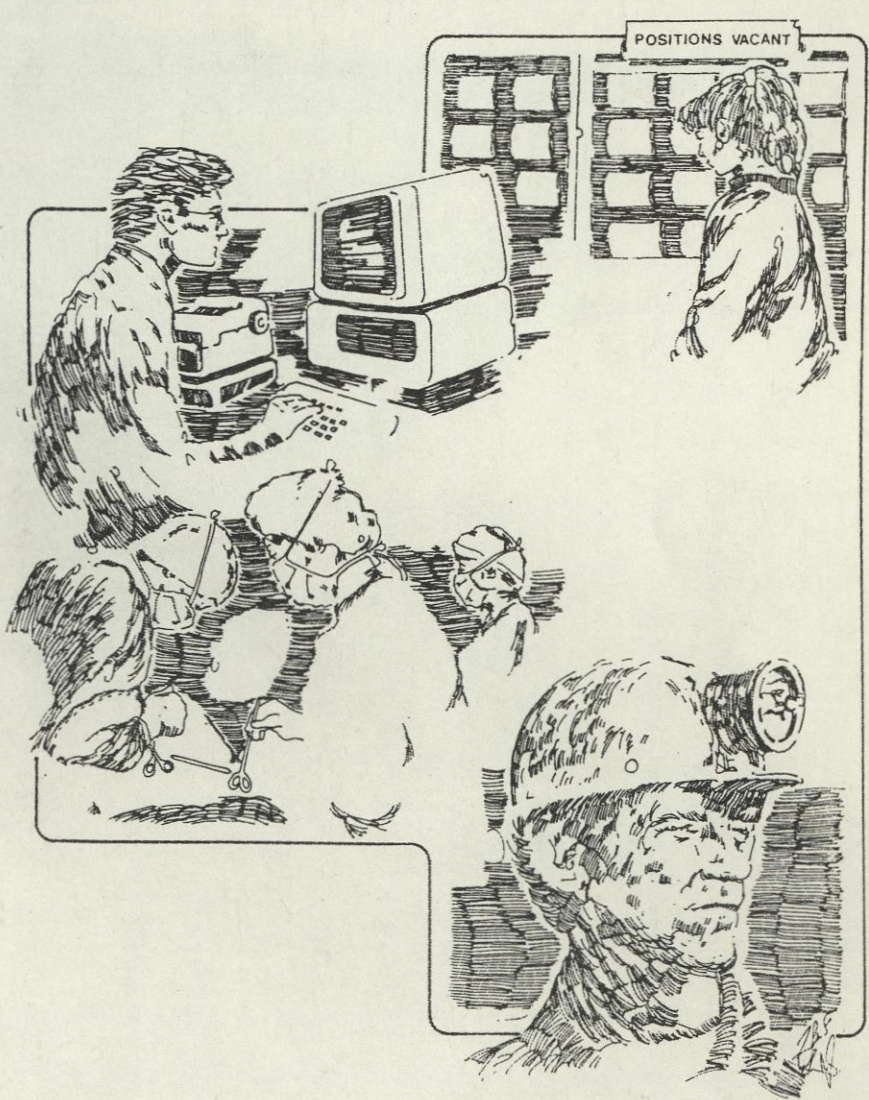


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FEBRUARY 1992

THE LABOUR FORCE QUEENSLAND



THE LABOUR FORCE, QUEENSLAND, FEBRUARY 1992

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R. Stevens
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3 April 1992

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INQUIRIES

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- for information about other ABS statistics and services please contact Information Services on (07) 222 6351 or any ABS State Office.

SUMMARY OF FINDINGS

Seasonally adjusted

Seasonally adjusted employment in Queensland increased by 20,700 between November 1991 and February 1992 and over the same period the number of persons in the labour force showed an increase of 30,400. For Australia, seasonally adjusted employment rose by 50,300 and the labour force by 63,800 over the 3 months to February 1992.

The unemployment rate in Queensland rose from 10.0 per cent in November 1991 to 10.4 per cent in February 1992. In the same period, the employment rate for Australia remained steady at around 10.5 per cent.

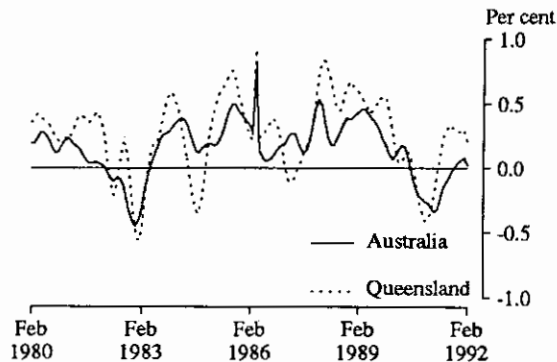
TABLE 1 — LABOUR FORCE, QUEENSLAND
(Seasonally adjusted series)

Particulars	Unit	February 1991	November 1991	December 1991	January 1992	February 1992	Annual percentage change
Employed	'000	1,301.1	1,317.4	1,330.9	1,331.9	1,338.1	+ 2.8
Unemployed	'000	140.7	145.9	147.4	150.5	155.6	+ 10.6
Unemployment rate	%	9.8	10.0	10.0	10.2	10.4	..
Participation rate	%	63.3	63.1	63.7	63.7	64.0	..
Labour force	'000	1,441.8	1,463.3	1,478.3	1,482.4	1,493.7	+ 3.6

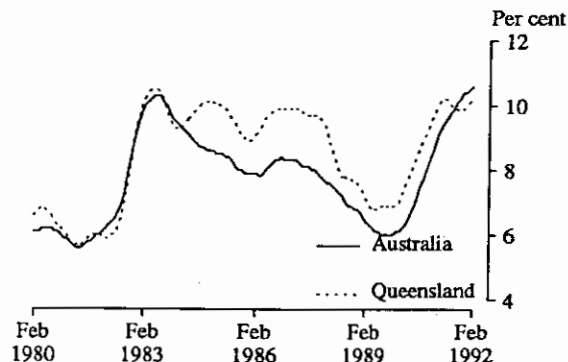
Trend series

The trend series data for the number of employed persons in Queensland indicates steady growth to February 1992. In February 1992 the unemployment rate was 10.2 per cent, an increase of 0.4 percentage points since February 1991, and 10.6 per cent for Australia, an increase of 1.8 percentage points over the same period.

EMPLOYED PERSONS: MONTHLY PERCENTAGE CHANGE
(Trend series)



UNEMPLOYMENT RATE
(Trend series)



Regional estimates

The unemployment rate for the Brisbane Statistical Division (BSD) in February 1992 was 10.6 per cent and for the Balance of Queensland 12.1 per cent. The South and East BSD Balance which includes Logan City, Redland Shire and parts of Albert and Beaudesert Shires had the highest unemployment rate in the BSD at 12.4 per cent compared to the Brisbane City Inner Ring with the lowest rate of 9.8 per cent.

For the Balance of Queensland the region with the highest unemployment rate was North and West Moreton with 14.2 per cent. This was followed by Wide Bay-Burnett with 13.7 per cent and Mackay, Fitzroy and Central-West with 13.5 per cent. The Darling Downs and South-West region continued to have the lowest unemployment rate of 8.8 per cent.

The labour force participation rate showed a wide variance between regions with the Far North region having the highest rate of 70.9 per cent contrasting to Wide Bay-Burnett with the lowest rate of 56.2 per cent.

Youth estimates

The number of 15 to 19 year olds in the Queensland labour force fell slightly to 154,900 persons over the year to February 1992 and the numbers employed were down 4,500 to 119,000. The unemployment rate for this group increased from 21.1 per cent in February 1991 to 23.2 per cent in February 1992. The number in this age group working full-time decreased by 17.0 per cent over the 12 months while those employed part-time rose 12.9 per cent.

SUMMARY OF FINDINGS – continued

The number of employed 20 to 24 year olds stood at 181,000 in February 1992, an increase of 9.6 per cent over the 12 month period. The participation rate of this age group rose from 82.8 per cent in February 1991 to 85.4 per cent in February 1992 while the unemployment rate fell from 16.7 per cent to 15.2 per cent over the year.

TABLE 2 — EMPLOYMENT AND UNEMPLOYMENT CHANGE FOR SELECTED GROUPS

Particulars	Employed (‘000)		Annual percentage change	Unemployed (‘000)		Annual percentage change
	February 1991	February 1992		February 1991	February 1992	
Males	756.7	771.2	+ 1.9	90.3	97.0	+ 7.4
Females	531.7	553.5	+ 4.1	64.0	73.6	+ 15.0
Married females	325.3	340.4	+ 4.6	24.9	31.8	+ 27.7
Persons aged (years)						
15 - 19	123.5	119.0	- 3.6	33.1	36.0	+ 8.8
20 - 24	165.2	181.0	+ 9.6	33.0	32.4	- 1.8
25 - 44	657.4	670.3	+ 2.0	65.8	72.0	+ 9.4
45 and over	342.4	354.4	+ 3.5	22.3	30.2	+ 35.4
Full-time workers	997.8	1,009.9	+ 1.2	..	..	..
Part-time workers	290.6	314.8	+ 8.3	..	..	..
Looking for full-time work	..	..	..	126.8	136.6	+ 7.7
Looking for part-time work	..	..	..	27.4	34.0	+ 24.1
Selected industries						
Manufacturing	150.4	164.5	+ 9.4	14.5	17.6	+ 21.4
Construction	106.1	97.2	- 8.4	13.8	15.5	+ 12.3
Wholesale and retail trade	296.0	302.1	+ 2.1	21.0	18.2	- 13.3
Community services	229.2	238.5	+ 4.1	9.1	7.6	- 16.5
Recreation, personal and other services	107.0	117.3	+ 9.6	10.3	8.6	- 16.5
Brisbane Statistical Division	603.6	610.6	+ 1.2	67.0	72.4	+ 8.1
Balance of Queensland	684.8	714.2	+ 4.3	87.3	98.2	+ 12.5
Queensland	1,288.4	1,324.7	+ 2.8	154.2	170.6	+ 10.6

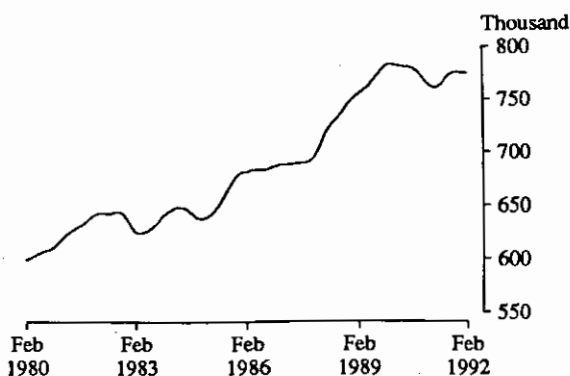
The total number of employed persons in Queensland increased by 2.8 per cent to 1,324,700 in the 12 months to February 1992 and the number of unemployed rose by 10.6 per cent to 170,600.

Over the year to February 1992 the construction industry was the only one to show a decrease in the numbers employed, dropping 8,900 (8.4 per cent). There was also a corresponding increase in the numbers unemployed of 1,700 (12.3 per cent) within this industry. The recreational, personal and other services industry and the manufacturing industry showed increases of 9.6 per cent and 9.4 per cent respectively in the numbers employed. Unemployment in manufacturing rose by 3,100 (21.4 per cent) in the 12 months to February 1992.

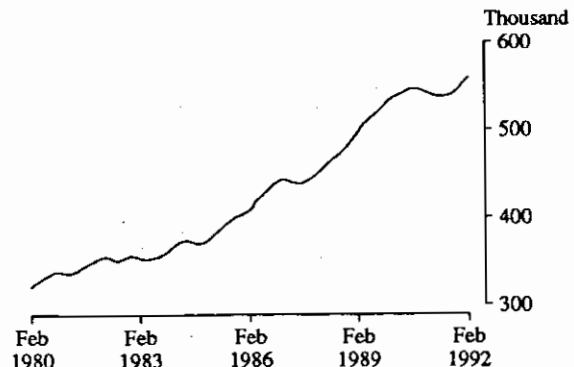
Part-time employment increased by 24,200 (8.3 per cent) between February 1991 and February 1992 while the numbers in full-time employment rose to 1,009,900 an increase of 1.2 per cent.

TREND SERIES (a), QUEENSLAND

EMPLOYED MALES



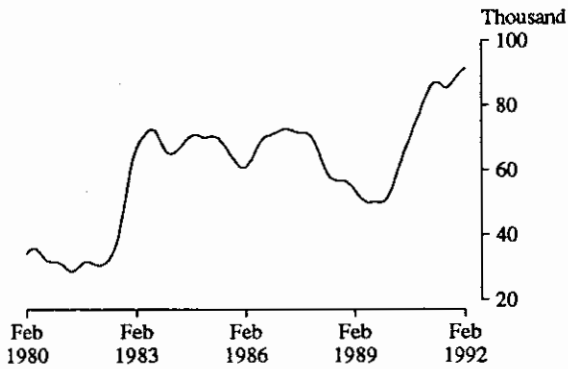
EMPLOYED FEMALES



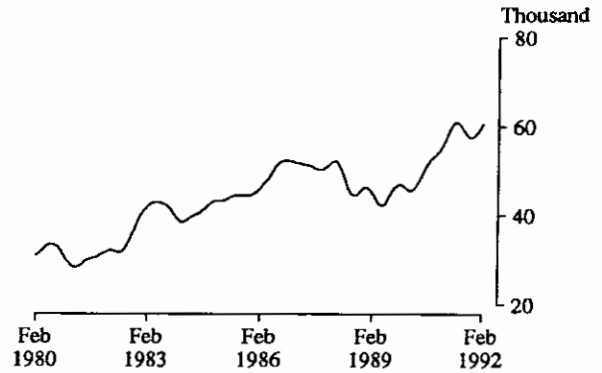
SUMMARY OF FINDINGS – continued

TREND SERIES (a), QUEENSLAND – continued

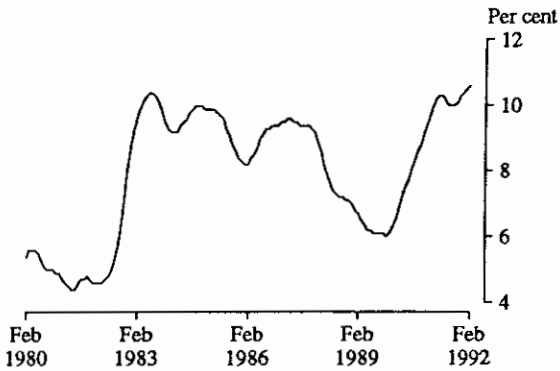
UNEMPLOYED MALES



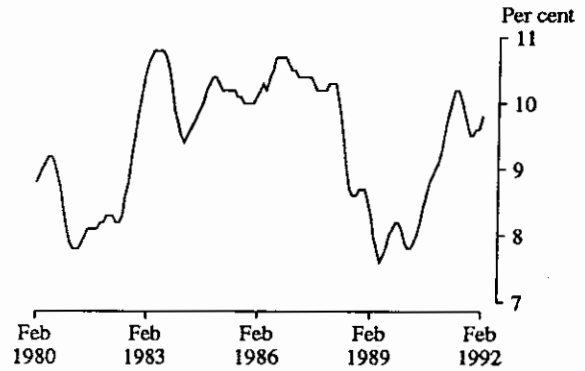
UNEMPLOYED FEMALES



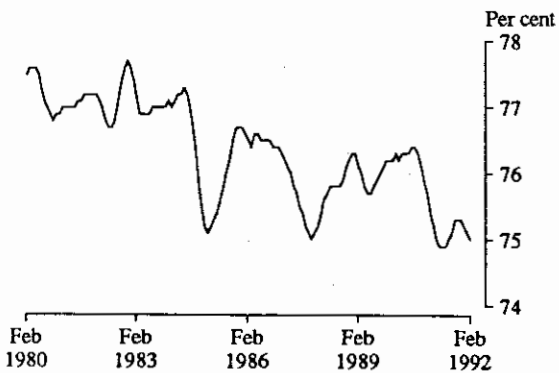
MALE UNEMPLOYMENT RATE



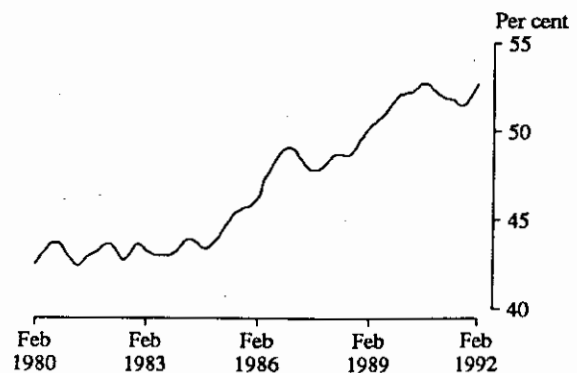
FEMALE UNEMPLOYMENT RATE



MALE PARTICIPATION RATE



FEMALE PARTICIPATION RATE



(a) Prior to April 1986 unpaid family helpers who worked 1 to 14 hours a week were defined as unemployed or not in the labour force. From April 1986 they were defined as employed persons.

NOTES

This publication contains estimates of the civilian labour force, including estimates for Queensland regions, derived from the labour force survey part of the monthly population survey.

Explanatory Notes are located at the back of this publication.

TABLE 3 — LABOUR FORCE STATUS: ORIGINAL SERIES, QUEENSLAND

Month	Employed		Unemployed		Labour force	Not in labour force	Civilian population aged 15 years and over	Unemployment rate	Participation rate
	Full-time	Total	Looking for full-time work	Total					
	'000	'000	'000	'000	'000	'000	'000	%	%
MALES									
1990 —									
December	713.5	780.7	69.5	79.9	860.6	262.6	1,123.2	9.3	76.6
1991 —									
January	696.6	760.3	79.4	87.8	848.1	277.6	1,125.8	10.4	75.3
February	686.3	756.7	81.7	90.3	847.0	281.3	1,128.3	10.7	75.1
March	684.7	761.4	83.3	96.0	857.3	273.6	1,130.9	11.2	75.8
April	679.0	759.6	84.7	95.5	855.1	278.0	1,133.1	11.2	75.5
May	683.3	756.7	85.3	94.1	850.8	284.6	1,135.3	11.1	74.9
June	693.1	772.3	69.9	77.1	849.3	288.2	1,137.6	9.1	74.7
July	691.4	763.7	76.6	84.6	848.3	291.4	1,139.7	10.0	74.4
August	692.6	767.3	76.0	81.3	848.6	293.3	1,141.9	9.6	74.3
September	705.4	785.4	72.3	80.2	865.6	278.5	1,144.0	9.3	75.7
October	705.0	781.4	70.3	78.0	859.5	286.7	1,146.1	9.1	75.0
November	696.6	776.0	72.2	77.3	853.3	294.9	1,148.2	9.1	74.3
December	711.4	786.8	83.4	93.9	880.6	269.7	1,150.3	10.7	76.6
1992 —									
January	694.1	765.2	93.4	101.8	867.0	285.9	1,152.9	11.7	75.2
February	692.3	771.2	85.2	97.0	868.3	287.2	1,155.4	11.2	75.1
FEMALES									
1990 —									
December	318.6	545.0	44.7	59.5	604.5	538.8	1,143.3	9.8	52.9
1991 —									
January	314.4	522.4	38.8	53.8	576.2	569.8	1,146.0	9.3	50.3
February	311.5	531.7	45.1	64.0	595.6	552.9	1,148.6	10.7	51.9
March	315.7	539.9	42.5	64.6	604.5	546.7	1,151.2	10.7	52.5
April	317.9	541.6	46.1	68.9	610.5	543.1	1,153.5	11.3	52.9
May	318.3	541.0	43.7	61.4	602.4	553.5	1,155.9	10.2	52.1
June	314.2	543.6	41.5	56.4	600.0	558.2	1,158.2	9.4	51.8
July	314.3	538.5	44.1	59.1	597.6	562.8	1,160.5	9.9	51.5
August	310.0	540.9	41.3	55.3	596.2	566.5	1,162.7	9.3	51.3
September	314.9	548.2	39.1	57.3	605.5	559.4	1,164.9	9.5	52.0
October	313.8	543.4	37.7	50.3	593.7	573.5	1,167.2	8.5	50.9
November	311.1	547.9	37.1	51.5	599.3	570.1	1,169.4	8.6	51.2
December	327.2	559.9	41.3	57.2	617.1	554.6	1,171.6	9.3	52.7
1992 —									
January	327.9	539.9	45.5	60.0	599.9	574.4	1,174.3	10.0	51.1
February	317.7	553.5	51.4	73.6	627.1	550.0	1,177.0	11.7	53.3
PERSONS									
1990 —									
December	1,032.2	1,325.8	114.3	139.4	1,465.1	801.4	2,266.5	9.5	64.6
1991 —									
January	1,011.1	1,282.7	118.2	141.6	1,424.3	847.4	2,271.7	9.9	62.7
February	997.8	1,288.4	126.8	154.2	1,442.6	834.3	2,276.9	10.7	63.4
March	1,000.5	1,301.2	125.9	160.6	1,461.8	820.3	2,282.1	11.0	64.1
April	997.0	1,301.2	130.7	164.3	1,465.6	821.1	2,286.7	11.2	64.1
May	1,001.5	1,297.7	129.0	155.5	1,453.2	838.0	2,291.2	10.7	63.4
June	1,007.3	1,315.9	111.5	133.5	1,449.3	846.5	2,295.8	9.2	63.1
July	1,005.8	1,302.2	120.7	143.7	1,445.9	854.3	2,300.2	9.9	62.9
August	1,002.6	1,308.2	117.3	136.6	1,444.8	859.8	2,304.6	9.5	62.7
September	1,020.3	1,333.6	111.4	137.5	1,471.1	837.9	2,309.0	9.3	63.7
October	1,018.9	1,324.8	108.0	128.3	1,453.1	860.2	2,313.3	8.8	62.8
November	1,007.7	1,323.9	109.3	128.8	1,452.6	865.0	2,317.6	8.9	62.7
December	1,038.6	1,346.7	124.7	151.0	1,497.7	824.3	2,322.0	10.1	64.5
1992 —									
January	1,022.1	1,305.1	138.8	161.9	1,466.9	860.3	2,327.2	11.0	63.0
February	1,009.9	1,324.7	136.6	170.6	1,495.3	837.1	2,332.5	11.4	64.1

TABLE 4 — LABOUR FORCE STATUS: SEASONALLY ADJUSTED SERIES, QUEENSLAND

Month	Employed	Unemployed	Labour force	Unemployment rate	Participation rate
	'000	'000	'000	%	%
MALES					
1990 —					
December	770.3	78.7	849.0	9.3	75.6
1991 —					
January	767.1	78.2	845.3	9.3	75.1
February	761.4	84.3	845.7	10.0	75.0
March	761.9	89.5	851.5	10.5	75.3
April	762.7	89.3	852.1	10.5	75.2
May	755.4	90.6	846.0	10.7	74.5
June	773.1	78.7	851.8	9.2	74.9
July	764.5	88.4	852.9	10.4	74.8
August	772.7	84.6	857.3	9.9	75.1
September	778.8	86.4	865.1	10.0	75.6
October	777.9	86.4	864.3	10.0	75.4
November	775.4	87.7	863.1	10.2	75.2
December	776.1	92.4	868.6	10.6	75.5
1992 —					
January	772.1	90.6	862.7	10.5	74.8
February	776.1	90.7	866.7	10.5	75.0
FEMALES					
1990 —					
December	540.2	57.1	597.4	9.6	52.2
1991 —					
January	542.2	53.7	595.9	9.0	52.0
February	539.7	56.4	596.1	9.5	51.9
March	540.5	57.3	597.9	9.6	51.9
April	540.0	63.5	603.5	10.5	52.3
May	535.5	61.1	596.5	10.2	51.6
June	538.2	59.2	597.4	9.9	51.6
July	538.9	62.2	601.1	10.3	51.8
August	542.8	59.3	602.1	9.9	51.8
September	541.3	57.8	599.0	9.6	51.4
October	543.2	56.1	599.4	9.4	51.4
November	542.0	58.1	600.2	9.7	51.3
December	554.8	54.9	609.7	9.0	52.0
1992 —					
January	559.7	59.9	619.6	9.7	52.8
February	562.0	65.0	627.0	10.4	53.3
PERSONS					
1990 —					
December	1,310.6	135.8	1,446.4	9.4	63.8
1991 —					
January	1,309.3	131.9	1,441.2	9.2	63.4
February	1,301.1	140.7	1,441.8	9.8	63.3
March	1,302.5	146.8	1,449.3	10.1	63.5
April	1,302.8	152.8	1,455.6	10.5	63.7
May	1,290.8	151.7	1,442.5	10.5	63.0
June	1,311.4	137.9	1,449.2	9.5	63.1
July	1,303.3	150.6	1,453.9	10.4	63.2
August	1,315.5	143.9	1,459.4	9.9	63.3
September	1,320.0	144.2	1,464.2	9.8	63.4
October	1,321.1	142.6	1,463.7	9.7	63.3
November	1,317.4	145.9	1,463.3	10.0	63.1
December	1,330.9	147.4	1,478.3	10.0	63.7
1992 —					
January	1,331.9	150.5	1,482.4	10.2	63.7
February	1,338.1	155.6	1,493.7	10.4	64.0

TABLE 5 — LABOUR FORCE STATUS: TREND SERIES, QUEENSLAND

Month	Employed '000	Unemployed '000	Labour force '000	Unemployment rate %	Participation rate %
MALES					
1990 — December	769.7	80.2	849.9	9.4	75.7
1991 — January	766.1	82.7	848.8	9.7	75.4
February	763.3	84.8	848.1	10.0	75.2
March	761.6	86.4	848.0	10.2	75.0
April	761.4	87.1	848.6	10.3	74.9
May	762.8	87.1	850.0	10.3	74.9
June	765.6	86.5	852.1	10.1	74.9
July	769.2	85.6	854.8	10.0	75.0
August	772.6	85.4	857.9	10.0	75.1
September	775.0	86.1	861.0	10.0	75.3
October	776.1	87.4	863.4	10.1	75.3
November	776.1	88.7	864.8	10.3	75.3
December	775.9	89.8	865.6	10.4	75.2
1992 — January	775.6	90.6	866.2	10.5	75.1
February	774.8	91.5	866.3	10.6	75.0
FEMALES					
1990 — December	543.3	54.5	597.8	9.1	52.3
1991 — January	541.7	55.7	597.4	9.3	52.1
February	540.2	57.2	597.4	9.6	52.0
March	539.1	58.7	597.8	9.8	51.9
April	538.5	60.1	598.5	10.0	51.9
May	538.4	60.9	599.2	10.2	51.8
June	538.5	61.0	599.5	10.2	51.8
July	538.8	60.4	599.2	10.1	51.6
August	539.8	59.1	598.9	9.9	51.5
September	541.6	58.0	599.6	9.7	51.5
October	544.5	57.5	602.0	9.5	51.6
November	548.1	57.6	605.7	9.5	51.8
December	552.2	58.3	610.5	9.6	52.1
1992 — January	556.2	59.4	615.6	9.6	52.4
February	559.8	60.7	620.5	9.8	52.7
PERSONS					
1990 — December	1,313.1	134.7	1,447.8	9.3	63.9
1991 — January	1,307.8	138.4	1,446.2	9.6	63.7
February	1,303.5	142.0	1,445.5	9.8	63.5
March	1,300.7	145.1	1,445.8	10.0	63.4
April	1,299.9	147.2	1,447.1	10.2	63.3
May	1,301.2	148.0	1,449.2	10.2	63.3
June	1,304.1	147.5	1,451.5	10.2	63.2
July	1,308.0	146.0	1,454.0	10.0	63.2
August	1,312.3	144.5	1,456.9	9.9	63.2
September	1,316.6	144.1	1,460.6	9.9	63.3
October	1,320.6	144.8	1,465.4	9.9	63.3
November	1,324.2	146.3	1,470.5	9.9	63.4
December	1,328.0	148.1	1,476.1	10.0	63.6
1992 — January	1,331.8	149.9	1,481.7	10.1	63.7
February	1,334.6	152.2	1,486.8	10.2	63.7

TABLE 6 — LABOUR FORCE STATUS: STATISTICAL REGIONS, QUEENSLAND, DECEMBER 1991

Region	Employed			Unemployed	Labour force	Not in labour force	Unemployment rate	Participation rate
	Full-time	Part-time	Total					
	'000	'000	'000	'000	'000	'000	%	%
MALES								
<i>Brisbane Statistical Division</i>	320.2	35.6	355.9	41.4	397.2	116.4	10.4	77.3
Brisbane City Inner Ring	86.5	10.4	96.9	9.2	106.1	35.9	8.6	74.7
Brisbane City Outer Ring	98.3	12.4	110.7	13.7	124.4	41.2	11.0	75.1
South and East BSD Balance	63.1	5.9	69.0	9.9	78.9	17.1	12.6	82.2
North and West BSD Balance	72.3	7.0	79.3	8.6	87.9	22.2	9.8	79.8
<i>Balance of Queensland</i>	391.2	39.7	430.9	52.5	483.4	153.3	10.9	75.9
South and East Moreton	72.9	9.1	82.0	11.8	93.8	33.4	12.6	73.7
North and West Moreton	49.9	6.4	56.4	7.0	63.3	29.0	11.0	68.6
Wide Bay-Burnett	46.8	3.9	50.7	8.3	59.1	22.7	14.1	72.2
Darling Downs and South-West	48.9	4.6	53.5	3.1	56.6	17.7	5.5	76.2
Mackay, Fitzroy and Central-West	75.8	6.4	82.2	10.4	92.7	21.3	11.3	81.3
Northern and North-West	54.0	4.1	58.1	5.3	63.4	16.7	8.3	79.1
Far North	42.8	5.2	48.0	6.5	54.5	12.4	12.0	81.5
Queensland	711.4	75.4	786.8	93.9	880.6	269.7	10.7	76.6
FEMALES								
<i>Brisbane Statistical Division</i>	167.0	99.9	266.8	25.9	292.8	250.2	8.9	53.9
Brisbane City Inner Ring	53.7	25.3	79.0	7.0	86.0	69.8	8.1	55.2
Brisbane City Outer Ring	47.1	34.2	81.3	8.9	90.3	83.5	9.9	51.9
South and East BSD Balance	30.5	20.3	50.9	4.8	55.7	39.1	8.7	58.7
North and West BSD Balance	35.6	20.0	55.6	5.2	60.8	57.7	8.5	51.3
<i>Balance of Queensland</i>	160.2	132.9	293.1	31.2	324.3	304.4	9.6	51.6
South and East Moreton	32.6	26.3	59.0	5.5	64.4	59.5	8.5	52.0
North and West Moreton	19.9	18.1	38.0	4.1	42.1	49.1	9.8	46.2
Wide Bay-Burnett	16.2	15.9	32.1	4.2	36.3	44.5	11.6	44.9
Darling Downs and South-West	20.2	18.8	39.0	3.6	42.6	33.4	8.5	56.0
Mackay, Fitzroy and Central-West	23.3	23.8	47.1	5.7	52.8	53.6	10.9	49.6
Northern and North-West	25.5	17.0	42.6	3.9	46.5	37.0	8.4	55.7
Far North	22.4	13.0	35.4	4.1	39.5	27.3	10.5	59.2
Queensland	327.2	232.7	559.9	57.2	617.1	554.6	9.3	52.7
PERSONS								
<i>Brisbane Statistical Division</i>	487.2	135.5	622.7	67.3	690.0	366.6	9.8	65.3
Brisbane City Inner Ring	140.2	35.7	175.9	16.1	192.1	105.7	8.4	64.5
Brisbane City Outer Ring	145.4	46.6	192.0	22.7	214.7	124.7	10.6	63.3
South and East BSD Balance	93.7	26.2	119.8	14.8	134.6	56.2	11.0	70.5
North and West BSD Balance	107.9	27.0	134.9	13.8	148.7	79.9	9.3	65.0
<i>Balance of Queensland</i>	551.4	172.6	724.0	83.7	807.7	457.7	10.4	63.8
South and East Moreton	105.5	35.4	140.9	17.3	158.3	93.0	10.9	63.0
North and West Moreton	69.8	24.5	94.4	11.1	105.5	78.0	10.5	57.5
Wide Bay-Burnett	63.0	19.8	82.8	12.5	95.3	67.2	13.1	58.6
Darling Downs and South-West	69.1	23.4	92.5	6.7	99.2	51.2	6.8	66.0
Mackay, Fitzroy and Central-West	99.1	30.2	129.3	16.2	145.5	74.9	11.1	66.0
Northern and North-West	79.6	21.1	100.7	9.2	109.9	53.7	8.4	67.2
Far North	65.2	18.2	83.4	10.7	94.1	39.7	11.4	70.3
Queensland	1,038.6	308.1	1,346.7	151.0	1,497.7	824.3	10.1	64.5

TABLE 7 — LABOUR FORCE STATUS: STATISTICAL REGIONS, QUEENSLAND, JANUARY 1992

Region	Employed			Unemployed	Labour force	Not in labour force	Unemployment rate	Participation rate
	Full-time	Part-time	Total					
	'000	'000	'000	'000	'000	'000	%	%
MALES								
<i>Brisbane Statistical Division</i>	314.3	32.4	346.7	40.3	387.0	127.7	10.4	75.2
Brisbane City Inner Ring	82.9	10.7	93.6	9.5	103.1	38.2	9.2	73.0
Brisbane City Outer Ring	94.6	11.6	106.2	12.7	118.9	45.0	10.7	72.5
South and East BSD Balance	64.2	3.7	67.9	9.2	77.0	16.6	11.9	82.3
North and West BSD Balance	72.6	6.5	79.1	8.9	88.0	27.9	10.1	76.0
<i>Balance of Queensland</i>	379.8	38.6	418.4	61.5	480.0	158.2	12.8	75.2
South and East Moreton	75.2	10.4	85.6	13.0	98.6	30.3	13.2	76.5
North and West Moreton	48.7	6.1	54.9	9.3	64.1	30.8	14.5	67.5
Wide Bay-Burnett	44.4	4.0	48.4	8.6	57.0	23.6	15.2	70.7
Darling Downs and South-West	48.4	5.5	53.9	4.7	58.6	21.1	8.1	73.6
Mackay, Fitzroy and Central-West	65.9	4.9	70.8	12.2	82.9	23.2	14.7	78.2
Northern and North-West	52.2	2.7	54.9	5.9	60.8	16.7	9.8	78.5
Far North	45.0	5.1	50.1	7.8	57.9	12.5	13.5	82.2
Queensland	694.1	71.0	765.2	101.8	867.0	285.9	11.7	75.2
FEMALES								
<i>Brisbane Statistical Division</i>	166.8	87.2	254.0	26.2	280.2	263.7	9.4	51.5
Brisbane City Inner Ring	54.9	25.4	80.2	7.0	87.2	69.2	8.0	55.8
Brisbane City Outer Ring	47.4	26.1	73.6	7.1	80.7	89.4	8.8	47.4
South and East BSD Balance	30.5	18.2	48.7	7.2	55.9	42.2	13.0	57.0
North and West BSD Balance	34.0	17.5	51.6	4.9	56.4	63.0	8.6	47.3
<i>Balance of Queensland</i>	161.2	124.7	285.9	33.8	319.7	310.7	10.6	50.7
South and East Moreton	34.6	24.8	59.4	9.4	68.8	54.9	13.7	55.6
North and West Moreton	18.1	15.8	33.9	5.8	39.7	50.1	14.7	44.2
Wide Bay-Burnett	16.2	13.9	30.1	3.3	33.4	46.1	9.9	42.1
Darling Downs and South-West	21.7	20.0	41.6	* 2.2	43.9	35.9	* 5.1	55.0
Mackay, Fitzroy and Central-West	23.0	21.5	44.6	5.5	50.1	54.6	11.0	47.9
Northern and North-West	22.9	15.7	38.6	4.4	43.0	37.0	10.2	53.7
Far North	24.6	13.1	37.7	3.1	40.8	32.1	7.6	56.0
Queensland	327.9	212.0	539.9	60.0	599.9	574.4	10.0	51.1
PERSONS								
<i>Brisbane Statistical Division</i>	481.1	119.7	600.8	66.5	667.3	391.4	10.0	63.0
Brisbane City Inner Ring	137.8	36.0	173.8	16.5	190.3	107.3	8.7	63.9
Brisbane City Outer Ring	142.0	37.7	179.8	19.8	199.6	134.4	9.9	59.8
South and East BSD Balance	94.7	21.8	116.5	16.4	132.9	58.8	12.3	69.3
North and West BSD Balance	106.6	24.0	130.7	13.8	144.4	90.9	9.5	61.4
<i>Balance of Queensland</i>	541.0	163.3	704.3	95.4	799.7	468.9	11.9	63.0
South and East Moreton	109.8	35.1	145.0	22.4	167.4	85.3	13.4	66.2
North and West Moreton	66.8	21.9	88.7	15.1	103.9	80.9	14.5	56.2
Wide Bay-Burnett	60.6	17.9	78.5	12.0	90.5	69.7	13.2	56.5
Darling Downs and South-West	70.1	25.4	95.5	7.0	102.5	57.0	6.8	64.3
Mackay, Fitzroy and Central-West	88.9	26.4	115.3	17.7	133.0	77.7	13.3	63.1
Northern and North-West	75.1	18.4	93.5	10.3	103.8	53.7	9.9	65.9
Far North	69.6	18.2	87.8	10.9	98.7	44.6	11.0	68.9
Queensland	1,022.1	283.0	1,305.1	161.9	1,466.9	860.3	11.0	63.0

TABLE 8 — LABOUR FORCE STATUS: STATISTICAL REGIONS, QUEENSLAND, FEBRUARY 1992

Region	Employed			Unemployed	Labour force	Not in labour force	Unemployment rate	Participation rate
	Full-time	Part-time	Total					
	'000	'000	'000	'000	'000	'000	%	%
MALES								
<i>Brisbane Statistical Division</i>	310.8	37.5	348.3	38.9	387.2	128.6	10.0	75.1
Brisbane City Inner Ring	82.4	10.8	93.2	10.3	103.5	41.2	9.9	71.5
Brisbane City Outer Ring	93.9	14.8	108.8	12.1	120.8	45.4	10.0	72.7
South and East BSD Balance	61.3	5.8	67.1	8.5	75.7	15.8	11.3	82.7
North and West BSD Balance	73.1	6.0	79.2	8.0	87.2	26.3	9.1	76.8
<i>Balance of Queensland</i>	381.5	41.5	422.9	58.2	481.1	158.6	12.1	75.2
South and East Moreton	69.5	10.5	80.1	12.8	92.8	31.5	13.8	74.7
North and West Moreton	49.4	7.4	56.8	8.7	65.5	29.6	13.3	68.9
Wide Bay-Burnett	41.9	5.6	47.6	8.2	55.7	24.4	14.7	69.6
Darling Downs and South-West	49.5	4.7	54.2	5.5	59.7	21.7	9.3	73.4
Mackay, Fitzroy and Central-West	70.9	3.6	74.5	10.7	85.3	21.9	12.6	79.6
Northern and North-West	53.2	3.7	57.0	5.4	62.4	15.7	8.6	79.8
Far North	47.0	5.9	52.8	6.8	59.7	13.8	11.5	81.2
Queensland	692.3	79.0	771.2	97.0	868.3	287.2	11.2	75.1
FEMALES								
<i>Brisbane Statistical Division</i>	160.9	101.4	262.3	33.6	295.9	249.1	11.4	54.3
Brisbane City Inner Ring	55.5	24.2	79.6	8.6	88.2	70.8	9.7	55.5
Brisbane City Outer Ring	42.4	33.8	76.1	9.1	85.3	84.8	10.7	50.1
South and East BSD Balance	30.2	21.8	52.0	8.3	60.2	36.8	13.7	62.1
North and West BSD Balance	32.9	21.6	54.6	7.6	62.2	56.8	12.2	52.2
<i>Balance of Queensland</i>	156.8	134.4	291.2	40.0	331.2	300.8	12.1	52.4
South and East Moreton	30.7	27.0	57.8	8.2	65.9	53.9	12.4	55.0
North and West Moreton	18.6	19.3	37.9	6.9	44.8	46.6	15.5	49.0
Wide Bay-Burnett	17.1	14.4	31.5	4.4	35.9	47.0	12.3	43.3
Darling Downs and South-West	22.3	20.6	42.9	3.8	46.8	37.1	8.2	55.7
Mackay, Fitzroy and Central-West	21.4	20.6	41.9	7.4	49.4	53.8	15.1	47.8
Northern and North-West	23.0	16.9	39.9	5.6	45.5	34.0	12.3	57.3
Far North	23.7	15.7	39.3	3.6	42.9	28.3	8.3	60.2
Queensland	317.7	235.8	553.5	73.6	627.1	550.0	11.7	53.3
PERSONS								
<i>Brisbane Statistical Division</i>	471.7	138.9	610.6	72.4	683.0	377.8	10.6	64.4
Brisbane City Inner Ring	137.8	35.0	172.8	18.9	191.7	112.0	9.8	63.1
Brisbane City Outer Ring	136.3	48.6	184.9	21.2	206.1	130.2	10.3	61.3
South and East BSD Balance	91.5	27.6	119.1	16.8	135.9	52.6	12.4	72.1
North and West BSD Balance	106.0	27.7	133.7	15.6	149.3	83.1	10.4	64.2
<i>Balance of Queensland</i>	538.3	175.9	714.2	98.2	812.3	459.4	12.1	63.9
South and East Moreton	100.2	37.6	137.8	21.0	158.8	85.4	13.2	65.0
North and West Moreton	68.0	26.7	94.7	15.6	110.3	76.2	14.2	59.2
Wide Bay-Burnett	59.1	20.0	79.1	12.6	91.6	71.4	13.7	56.2
Darling Downs and South-West	71.8	25.3	97.1	9.4	106.5	58.8	8.8	64.4
Mackay, Fitzroy and Central-West	92.3	24.2	116.5	18.2	134.7	75.7	13.5	64.0
Northern and North-West	76.2	20.6	96.9	11.0	107.9	49.7	10.2	68.5
Far North	70.6	21.5	92.2	10.4	102.6	42.2	10.2	70.9
Queensland	1,009.9	314.8	1,324.7	170.6	1,495.3	837.1	11.4	64.1

TABLE 9 — LABOUR FORCE STATUS: AGE BY STATISTICAL REGION, QUEENSLAND, FEBRUARY 1992

Age group (years)	Employed			Unemployed	Labour force	Not in labour force	Unemployment rate	Participation rate
	Full-time	Part-time	Total					
	'000	'000	'000					
BRISBANE CITY INNER RING								
15-24	29.3	12.4	41.7	7.4	49.1	16.7	15.1	74.6
15-19	4.7	7.9	12.6	3.2	15.8	10.5	20.3	60.2
20-24	24.6	4.5	29.1	4.2	33.3	6.3	12.7	84.2
25-44	70.7	14.7	85.5	8.1	93.5	19.0	8.6	83.1
45 and over	37.8	7.9	45.7	3.3	49.0	76.2	6.8	39.1
Total	137.8	35.0	172.8	18.9	191.7	112.0	9.8	63.1
BRISBANE CITY OUTER RING								
15-24	23.6	18.0	41.6	9.6	51.2	20.3	18.7	71.7
15-19	7.0	13.8	20.8	5.6	26.4	14.5	21.1	64.6
20-24	16.6	4.2	20.8	4.0	24.8	5.8	16.1	81.1
25-44	70.0	17.4	87.4	7.6	95.0	27.0	8.0	77.8
45 and over	42.7	13.2	55.9	4.1	59.9	82.9	6.8	42.0
Total	136.3	48.6	184.9	21.2	206.1	130.2	10.3	61.3
SOUTH AND EAST BSD BALANCE								
15-24	19.6	7.9	27.6	8.1	35.7	10.7	22.7	77.0
15-19	6.6	4.7	11.3	4.7	16.0	8.4	29.2	65.7
20-24	13.0	3.3	16.3	3.4	19.7	2.3	17.4	89.5
25-44	50.4	15.1	65.5	5.7	71.2	17.8	8.0	80.0
45 and over	21.5	4.6	26.0	3.0	29.0	24.1	10.3	54.6
Total	91.5	27.6	119.1	16.8	135.9	52.6	12.4	72.1
NORTH AND WEST BSD BALANCE								
15-24	22.8	8.5	31.3	6.5	37.8	12.3	17.1	75.5
15-19	5.6	6.6	12.2	3.1	15.3	9.1	20.3	62.7
20-24	17.2	* 1.9	19.1	3.3	22.4	3.2	14.9	87.7
25-44	58.6	11.9	70.5	7.8	78.2	18.3	9.9	81.1
45 and over	24.6	7.3	31.9	* 1.3	33.3	52.5	* 4.0	38.8
Total	106.0	27.7	133.7	15.6	149.3	83.1	10.4	64.2
BRISBANE STATISTICAL DIVISION								
15-24	95.4	46.8	142.2	31.6	173.8	60.0	18.2	74.4
15-19	24.0	33.0	57.0	16.6	73.6	42.5	22.5	63.4
20-24	71.4	13.8	85.2	15.0	100.3	17.5	15.0	85.1
25-44	249.7	59.1	308.8	29.1	337.9	82.1	8.6	80.5
45 and over	126.6	32.9	159.5	11.7	171.2	235.7	6.8	42.1
Total	471.7	138.9	610.6	72.4	683.0	377.8	10.6	64.4
SOUTH AND EAST MORETON								
15-24	22.0	9.8	31.9	6.4	38.2	10.2	16.6	78.9
15-19	5.5	7.1	12.6	3.9	16.5	7.0	23.9	70.4
20-24	16.5	2.7	19.3	2.4	21.7	3.3	11.1	86.9
25-44	54.5	17.8	72.3	10.7	83.0	15.2	12.9	84.6
45 and over	23.7	10.0	33.7	3.9	37.6	60.0	10.4	38.5
Total	100.2	37.6	137.8	21.0	158.8	85.4	13.2	65.0
NORTH AND WEST MORETON								
15-24	11.6	6.3	17.9	5.5	23.4	7.0	23.5	76.9
15-19	3.1	3.7	6.9	3.6	10.5	4.6	34.3	69.6
20-24	8.5	2.6	11.1	* 1.9	13.0	2.5	* 14.7	84.0
25-44	36.4	12.3	48.7	6.0	54.7	15.3	10.9	78.1
45 and over	20.0	8.0	28.1	4.2	32.2	53.8	12.9	37.5
Total	68.0	26.7	94.7	15.6	110.3	76.2	14.2	59.2

TABLE 9 — LABOUR FORCE STATUS: AGE BY STATISTICAL REGION, QUEENSLAND, FEBRUARY 1992—continued

Age group (years)	Employed			Unemployed	Labour force	Not in labour force	Unemployment rate	Participation rate
	Full-time	Part-time	Total					
	'000	'000	'000					
WIDE BAY-BURNETT								
15-24	9.8	6.3	16.1	3.9	19.9	8.5	19.4	70.2
15-19	* 2.7	4.0	6.7	* 2.0	8.7	7.3	* 23.1	54.4
20-24	7.0	* 2.4	9.4	* 1.9	11.2	* 1.2	* 16.5	90.7
25-44	30.1	8.9	39.0	5.1	44.1	14.3	11.5	75.5
45 and over	19.2	4.8	24.0	3.6	27.6	48.6	13.2	36.2
Total	59.1	20.0	79.1	12.6	91.6	71.4	13.7	56.2
DARLING DOWNS AND SOUTH-WEST								
15-24	15.6	6.3	22.0	4.1	26.1	10.7	15.8	70.9
15-19	4.9	4.0	8.8	2.5	11.3	8.5	22.1	57.2
20-24	10.8	2.4	13.2	* 1.6	14.8	* 2.2	* 11.0	86.8
25-44	32.5	10.0	42.5	3.9	46.4	11.5	8.4	80.1
45 and over	23.6	9.0	32.6	* 1.4	34.0	36.6	* 4.0	48.2
Total	71.8	25.3	97.1	9.4	106.5	58.8	8.8	64.4
MACKAY, FITZROY AND CENTRAL-WEST								
15-24	16.5	5.8	22.3	8.8	31.1	13.5	28.3	69.8
15-19	5.0	3.8	8.8	4.0	12.8	8.8	31.5	59.3
20-24	11.5	* 2.0	13.5	4.8	18.3	4.7	26.1	79.7
25-44	51.0	13.5	64.5	6.7	71.2	23.3	9.3	75.3
45 and over	24.7	4.9	29.7	2.7	32.4	38.9	8.4	45.4
Total	92.3	24.2	116.5	18.2	134.7	75.7	13.5	64.0
NORTHERN AND NORTH-WEST								
15-24	16.1	5.5	21.6	4.7	26.3	9.2	18.0	74.1
15-19	5.5	2.7	8.2	* 1.8	10.0	6.4	* 17.6	60.9
20-24	10.6	2.8	13.4	3.0	16.4	2.8	18.3	85.3
25-44	42.8	10.4	53.2	4.9	58.1	12.7	8.5	82.1
45 and over	17.3	4.7	22.1	* 1.3	23.4	27.8	* 5.7	45.7
Total	76.2	20.6	96.9	11.0	107.9	49.7	10.2	68.5
FAR NORTH								
15-24	18.7	7.2	26.0	3.4	29.4	6.7	11.5	81.4
15-19	5.9	4.1	10.0	* 1.6	11.6	4.5	* 13.5	72.1
20-24	12.8	3.2	16.0	* 1.8	17.8	* 2.2	* 10.2	88.9
25-44	32.0	9.3	41.3	5.7	47.0	9.0	12.1	83.9
45 and over	19.8	5.0	24.8	* 1.3	26.2	26.5	* 5.2	49.8
Total	70.6	21.5	92.2	10.4	102.6	42.2	10.2	70.9
BALANCE OF QUEENSLAND								
15-24	110.4	47.3	157.8	36.8	194.5	65.8	18.9	74.7
15-19	32.7	29.3	62.0	19.4	81.4	46.9	23.8	63.4
20-24	77.7	18.1	95.8	17.4	113.2	18.9	15.4	85.7
25-44	279.3	82.2	361.5	42.9	404.4	101.4	10.6	80.0
45 and over	148.5	46.4	194.9	18.5	213.4	292.2	8.7	42.2
Total	538.3	175.9	714.2	98.2	812.3	459.4	12.1	63.9
QUEENSLAND								
15-24	205.8	94.2	300.0	68.4	368.4	125.8	18.6	74.5
15-19	56.7	62.3	119.0	36.0	154.9	89.4	23.2	63.4
20-24	149.1	31.9	181.0	32.4	213.4	36.4	15.2	85.4
25-44	529.0	141.3	670.3	72.0	742.3	183.4	9.7	80.2
45 and over	275.1	79.3	354.4	30.2	384.7	528.0	7.9	42.2
Total	1,009.9	314.8	1,324.7	170.6	1,495.3	837.1	11.4	64.1

TABLE 10 — LABOUR FORCE STATUS: MARITAL STATUS, QUEENSLAND, FEBRUARY 1992

	Employed		Unemployed		Labour force	Not in labour force	Civilian population aged 15 years and over	Unemployment rate	Participation rate
	Full-time	Total	Looking for full-time work	Total					
Marital status	'000	'000	'000	'000	'000	'000	'000	%	%
Males									
Married	473.6	504.7	40.2	42.6	547.3	156.2	703.4	7.8	77.8
Not married	218.7	266.6	45.0	54.4	321.0	131.0	452.0	17.0	71.0
Females									
Married	177.1	340.4	22.7	31.8	372.2	324.0	696.2	8.5	53.5
Not married	140.6	213.1	28.7	41.8	254.8	226.0	480.8	16.4	53.0
Persons									
Married	650.7	845.1	62.9	74.4	919.5	480.1	1,399.6	8.1	65.7
Not married	359.2	479.6	73.7	96.2	575.8	357.0	932.8	16.7	61.7

TABLE 11 — LABOUR FORCE STATUS: BIRTHPLACE AND PERIOD OF ARRIVAL, QUEENSLAND, FEBRUARY 1992

	<i>Employed</i>	<i>Unemployed</i>	<i>Labour force</i>	<i>Not in labour force</i>	<i>Civilian population aged 15 years and over</i>	<i>Unemployment rate</i>	<i>Participation rate</i>
<i>Birthplace and period of arrival</i>	<i>'000</i>	<i>'000</i>	<i>'000</i>	<i>'000</i>	<i>'000</i>	<i>%</i>	<i>%</i>
Birthplace							
Born in Australia	1,082.1	132.2	1,214.3	625.1	1,839.4	10.9	66.0
<i>Born outside Australia</i>	<i>242.6</i>	<i>38.5</i>	<i>281.0</i>	<i>175.8</i>	<i>456.9</i>	<i>13.7</i>	<i>61.5</i>
<i>Oceania</i>	<i>65.0</i>	<i>9.7</i>	<i>74.7</i>	<i>21.3</i>	<i>96.0</i>	<i>12.9</i>	<i>77.8</i>
New Zealand	54.8	7.3	62.0	16.1	78.1	11.7	79.4
<i>Europe and the USSR</i>	<i>129.0</i>	<i>19.5</i>	<i>148.5</i>	<i>109.8</i>	<i>258.3</i>	<i>13.1</i>	<i>57.5</i>
UK and Ireland	83.6	12.1	95.8	64.6	160.4	12.7	59.7
The Middle East and North Africa	* 1.9	* 0.6	* 2.6	3.4	6.0	* 25.1	* 42.7
South-east Asia	15.8	4.0	19.8	13.8	33.6	20.4	59.0
North-east Asia	9.8	* 1.0	10.8	14.1	24.9	* 9.5	43.3
The Americas	10.8	* 1.5	12.4	6.9	19.3	* 12.5	64.3
Other	10.3	* 2.0	12.3	6.5	18.8	* 16.4	65.3
Period of arrival							
Before 1971	93.6	13.4	107.0	98.2	205.2	12.5	52.1
1971-1975	37.7	6.8	44.4	10.9	55.3	15.3	80.3
1976-1980	31.9	3.3	35.2	13.7	48.8	9.3	72.0
1981-1985	32.0	5.2	37.2	15.3	52.5	13.9	70.8
1986-1989	34.2	6.0	40.3	21.2	61.5	15.0	65.5
1990 to survey date	13.2	3.8	17.0	16.6	33.6	22.5	50.7

DIAGRAM 1 - LABOUR FORCE PARTICIPATION RATES BY REGION, QUEENSLAND, FEBRUARY 1992

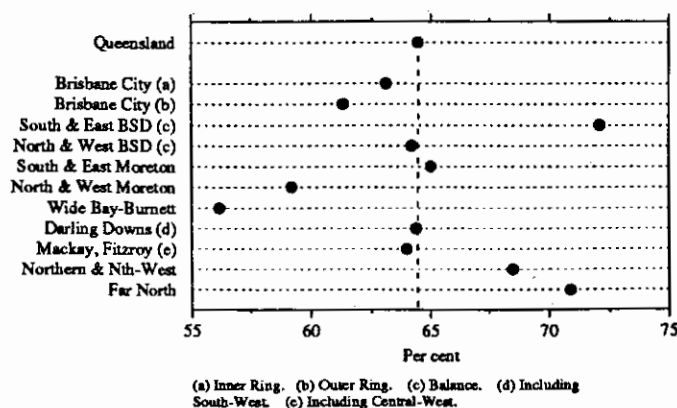


TABLE 12 — LABOUR FORCE STATUS: PERSONS AGED 15 TO 19 YEARS BY FULL-TIME ATTENDANCE AT AN EDUCATIONAL INSTITUTION, QUEENSLAND, FEBRUARY 1992

Sex	Employed			Unemployed	Labour force	Not in labour force	Civilian population aged 15 to 19 years	Unemployment rate	Participation rate
	Full-time	Part-time	Total						
	'000	'000	'000	'000	'000	'000	'000	%	%
ATTENDING NEITHER SCHOOL NOR A TERTIARY EDUCATIONAL INSTITUTION FULL-TIME									
Males	31.8	6.5	38.4	10.5	48.8	4.9	53.8	21.4	90.8
Females	21.3	10.1	31.4	10.8	42.2	7.1	49.3	25.6	85.7
Persons	53.1	16.7	69.8	21.3	91.1	12.0	103.1	23.4	88.4
ATTENDING A TERTIARY EDUCATIONAL INSTITUTION FULL-TIME									
Males	* 2.1	9.3	11.4	* 2.8	14.3	8.0	22.2	* 19.8	64.2
Females	* 1.5	10.9	12.4	3.2	15.6	9.6	25.1	20.6	61.9
Persons	3.6	20.2	23.8	6.0	29.8	17.5	47.3	20.2	63.0
ATTENDING SCHOOL									
Males	* 0.0	11.0	11.0	4.4	15.4	33.4	48.9	28.6	31.6
Females	* 0.0	14.4	14.4	4.2	18.6	26.4	45.1	22.8	41.3
Persons	* 0.0	25.4	25.4	8.7	34.1	59.9	93.9	25.4	36.3
TOTAL									
Males	33.9	26.9	60.8	17.7	78.5	46.3	124.8	22.5	62.9
Females	22.8	35.4	58.1	18.3	76.4	43.1	119.5	23.9	63.9
Persons	56.7	62.3	119.0	36.0	154.9	89.4	244.3	23.2	63.4

TABLE 13 — LABOUR FORCE STATUS: PERSONS AGED 20 TO 24 YEARS BY FULL-TIME ATTENDANCE AT A TERTIARY INSTITUTION, QUEENSLAND, FEBRUARY 1992

Sex	Employed			Unemployed	Labour force	Not in labour force	Civilian population aged 20 to 24 years	Unemployment rate	Participation rate
	Full-time	Part-time	Total						
	'000	'000	'000	'000	'000	'000	'000	%	%
NOT ATTENDING A TERTIARY EDUCATIONAL INSTITUTION FULL-TIME									
Males	82.9	7.4	90.3	16.3	106.6	4.6	111.2	15.3	95.9
Females	61.9	17.8	79.8	11.3	91.0	22.4	113.4	12.4	80.3
Persons	144.8	25.3	170.1	27.6	197.6	27.0	224.6	13.9	88.0
ATTENDING A TERTIARY EDUCATIONAL INSTITUTION FULL-TIME									
Males	* 2.9	3.5	6.4	* 2.5	8.9	6.4	15.3	* 27.7	58.0
Females	* 1.4	3.1	4.6	* 2.4	6.9	3.0	9.9	* 34.3	69.9
Persons	4.3	6.6	11.0	4.8	15.8	9.4	25.2	30.6	62.7
TOTAL									
Males	85.8	11.0	96.7	18.7	115.5	11.0	126.5	16.2	91.3
Females	63.4	21.0	84.3	13.6	98.0	25.4	123.3	13.9	79.4
Persons	149.1	31.9	181.0	32.4	213.4	36.4	249.8	15.2	85.4

TABLE 14 — LABOUR FORCE STATUS: FAMILY STATUS, QUEENSLAND, FEBRUARY 1992

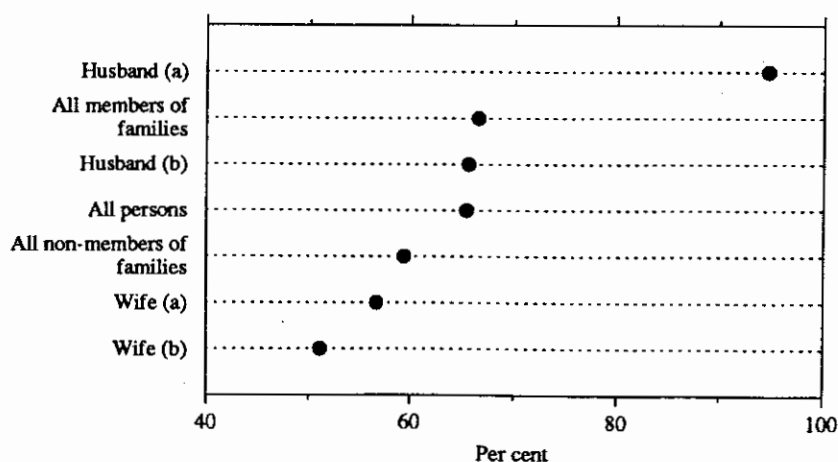
Family status	Employed		Unemployed		Labour force	Not in labour force	Civilian population aged 15 years and over	Unemployment rate	Participation rate
	Full-time	Total	Looking for full-time work	Total					
	'000	'000	'000	'000					
MALES									
Member of a family	564.8	627.5	63.8	72.8	700.3	208.7	909.0	10.4	77.0
Husband	457.5	486.3	38.2	40.7	527.0	144.8	671.8	7.7	78.4
With children aged 0-14 years present	247.0	257.9	22.7	23.4	281.3	15.7	296.9	8.3	94.7
Without children aged 0-14 years present	210.5	228.5	15.5	17.2	245.7	129.1	374.8	7.0	65.6
Not-married family head	12.7	13.3	* 1.2	* 1.6	14.9	5.7	20.6	* 10.4	72.3
With children aged 0-14 years present	4.5	4.8	* 0.2	* 0.5	5.3	* 1.1	6.4	* 9.7	83.4
Without children aged 0-14 years present	8.2	8.5	* 1.0	* 1.0	9.6	4.7	14.2	* 10.8	67.3
Full-time student aged 15-24 years (a)	3.5	25.4	* 1.8	7.0	32.4	39.8	72.2	21.6	44.9
Other child of family head	83.4	93.9	19.9	20.6	114.5	13.1	127.6	18.0	89.7
Other relative of family head	7.7	8.5	* 2.6	3.0	11.5	5.3	16.7	26.0	68.4
Not a member of a family	96.9	107.4	14.0	16.1	123.5	46.7	170.2	13.1	72.6
Living alone	38.3	42.5	6.1	6.8	49.2	35.5	84.7	13.8	58.1
Not living alone	58.7	65.0	8.0	9.3	74.3	11.2	85.5	12.6	86.9
Total	661.8	735.0	77.8	88.9	823.8	255.4	1,079.2	10.8	76.3
FEMALES									
Member of a family	245.3	458.2	40.9	60.8	518.9	406.6	925.5	11.7	56.1
Wife	166.7	324.9	20.7	29.1	354.0	306.5	660.6	8.2	53.6
With children aged 0-14 years present	56.5	148.3	11.6	17.5	165.8	126.7	292.5	10.6	56.7
Without children aged 0-14 years present	110.1	176.7	9.1	11.6	188.3	179.8	368.1	6.2	51.1
Not-married family head	24.2	38.7	6.3	9.8	48.5	49.0	97.5	20.1	49.7
With children aged 0-14 years present	10.8	20.3	4.8	7.8	28.1	27.0	55.1	27.8	50.9
Without children aged 0-14 years present	13.4	18.5	* 1.5	* 2.0	20.4	22.0	42.4	* 9.6	48.2
Full-time student aged 15-24 years (a)	* 2.8	27.3	* 1.3	8.7	36.0	29.8	65.8	24.2	54.7
Other child of family head	47.6	61.8	11.3	11.7	73.5	9.6	83.1	16.0	88.4
Other relative of family head	4.1	5.4	* 1.3	* 1.4	6.9	11.6	18.5	* 21.1	37.1
Not a member of a family	55.5	68.9	6.6	7.8	76.7	89.9	166.6	10.1	46.0
Living alone	19.8	24.7	* 1.5	* 2.2	26.9	79.3	106.2	* 8.2	25.3
Not living alone	35.7	44.3	5.1	5.6	49.8	10.6	60.4	11.2	82.5
Total	300.8	527.1	47.5	68.5	595.6	496.5	1,092.1	11.5	54.5

TABLE 14 — LABOUR FORCE STATUS: FAMILY STATUS, QUEENSLAND, FEBRUARY 1992—continued

Family status	Employed		Unemployed		Labour force	Not in labour force	Civilian population aged 15 years and over	Unemployment rate	Participation rate
	Full-time	Total	Looking for full-time work	Total					
	'000	'000	'000	'000	'000	'000	'000	%	%
PERSONS									
Member of a family	810.1	1,085.7	104.7	133.5	1,219.2	615.2	1,834.5	11.0	66.5
Husband or wife	624.2	811.3	58.9	69.8	881.0	451.3	1,332.3	7.9	66.1
With children aged 0-14 years present	303.5	406.1	34.3	40.9	447.0	142.4	589.4	9.2	75.8
Without children aged 0-14 years present	320.7	405.1	24.6	28.8	434.0	308.9	742.9	6.6	58.4
Not-married family head	36.8	52.1	7.5	11.3	63.4	54.7	118.1	17.8	53.7
With children aged 0-14 years present	15.2	25.1	4.9	8.3	33.4	28.1	61.5	24.9	54.3
Without children aged 0-14 years present	21.6	27.0	* 2.5	3.0	30.0	26.6	56.6	10.0	53.0
Full-time student aged 15-24 years (a)	6.3	52.8	3.2	15.7	68.5	69.6	138.1	23.0	49.6
Other child of family head	131.0	155.7	31.3	32.3	188.0	22.7	210.7	17.2	89.2
Other relative of family head	11.8	13.9	3.9	4.4	18.3	16.9	35.2	24.2	52.0
Not a member of a family	152.4	176.3	20.6	23.9	200.2	136.6	336.9	11.9	59.4
Living alone	58.0	67.1	7.6	9.0	76.1	114.8	190.9	11.8	39.9
Not living alone	94.4	109.2	13.0	14.9	124.1	21.8	145.9	12.0	85.1
Total	962.5	1,262.1	125.4	157.4	1,419.4	751.9	2,171.3	11.1	65.4
Usual resident of a private dwelling where family status was not determined	17.8	23.5	4.4	4.9	28.4	10.9	39.3	17.2	72.3
Total usual residents of private dwellings	980.3	1,285.6	129.7	162.3	1,447.9	762.7	2,210.6	11.2	65.5
Visitors to private dwellings	9.2	12.6	* 2.8	3.3	15.9	19.2	35.1	20.9	45.3
Persons enumerated in non-private dwellings	20.4	26.6	4.0	5.0	31.6	55.2	86.8	15.8	36.4
TOTAL	1,009.9	1,324.7	136.6	170.6	1,495.3	837.1	2,332.5	11.4	64.1

(a) Excluding persons aged 20 to 24 years attending school.

DIAGRAM 2 - LABOUR FORCE PARTICIPATION RATES BY FAMILY STATUS, QUEENSLAND, FEBRUARY 1992



(a) With dependants. (b) Without dependants.

TABLE 15 — EMPLOYED PERSONS: FULL-TIME OR PART-TIME STATUS, QUEENSLAND

Month	Females									
	Males		Married		Not married		Total		Persons	
	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time
'000										
1990 —										
December	713.5	67.2	176.9	155.9	141.7	70.5	318.6	226.4	1,032.2	293.6
1991 —										
January	696.6	63.7	177.7	138.4	136.7	69.6	314.4	208.0	1,011.1	271.7
February	686.3	70.4	172.2	153.0	139.3	67.1	311.5	220.2	997.8	290.6
March	684.7	76.6	175.3	152.7	140.4	71.4	315.7	224.1	1,000.5	300.8
April	679.0	80.6	175.4	151.9	142.6	71.8	317.9	223.7	997.0	304.2
May	683.3	73.5	176.3	156.0	142.0	66.7	318.3	222.7	1,001.5	296.2
June	693.1	79.2	174.1	164.5	140.1	64.9	314.2	229.4	1,007.3	308.6
July	691.4	72.2	178.5	158.5	135.9	65.7	314.3	224.2	1,005.8	296.4
August	692.6	74.7	174.3	163.8	135.7	67.1	310.0	230.9	1,002.6	305.7
September	705.4	80.0	182.9	165.0	132.0	68.4	314.9	233.3	1,020.3	313.3
October	705.0	76.4	181.3	161.3	132.5	68.3	313.8	229.6	1,018.9	305.9
November	696.6	79.4	180.9	161.7	130.2	75.0	311.1	236.8	1,007.7	316.2
December	711.4	75.4	182.1	157.5	145.1	75.2	327.2	232.7	1,038.6	308.1
1992 —										
January	694.1	71.0	183.7	143.6	144.3	68.4	327.9	212.0	1,022.1	283.0
February	692.3	79.0	177.1	163.3	140.6	72.5	317.7	235.8	1,009.9	314.8
PER CENT (a)										
1990 —										
December	91.4	8.6	53.2	46.8	66.8	33.2	58.5	41.5	77.9	22.1
1991 —										
January	91.6	8.4	56.2	43.8	66.2	33.8	60.2	39.8	78.8	21.2
February	90.7	9.3	52.9	47.1	67.5	32.5	58.6	41.4	77.4	22.6
March	89.9	10.1	53.5	46.5	66.3	33.7	58.5	41.5	76.9	23.1
April	89.4	10.6	53.6	46.4	66.5	33.5	58.7	41.3	76.6	23.4
May	90.3	9.7	53.0	47.0	68.0	32.0	58.8	41.2	77.2	22.8
June	89.7	10.3	51.4	48.6	68.3	31.7	57.8	42.2	76.5	23.5
July	90.5	9.5	53.0	47.0	67.4	32.6	58.4	41.6	77.2	22.8
August	90.3	9.7	51.5	48.5	66.9	33.1	57.3	42.7	76.6	23.4
September	89.8	10.2	52.6	47.4	65.9	34.1	57.4	42.6	76.5	23.5
October	90.2	9.8	52.9	47.1	66.0	34.0	57.8	42.2	76.9	23.1
November	89.8	10.2	52.8	47.2	63.4	36.6	56.8	43.2	76.1	23.9
December	90.4	9.6	53.6	46.4	65.9	34.1	58.4	41.6	77.1	22.9
1992 —										
January	90.7	9.3	56.1	43.9	67.8	32.2	60.7	39.3	78.3	21.7
February	89.8	10.2	52.0	48.0	66.0	34.0	57.4	42.6	76.2	23.8

(a) Full-time and part-time as a proportion of employed persons in each category.

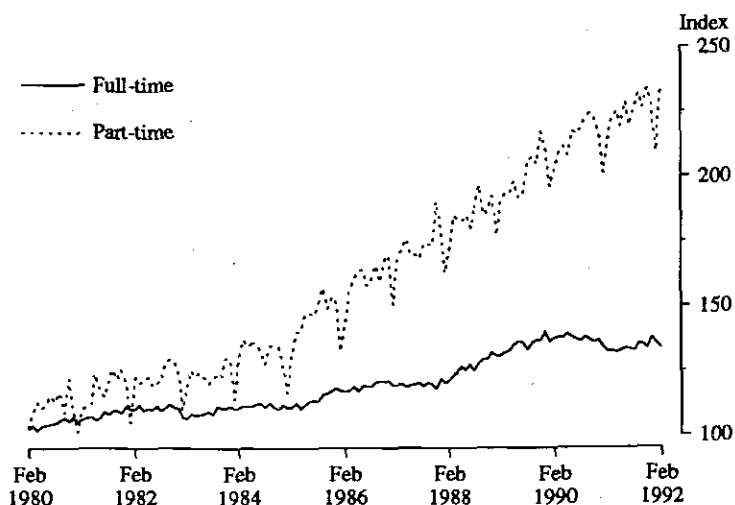
DIAGRAM 3 - FULL-TIME AND PART-TIME EMPLOYMENT, QUEENSLAND
(Base: November 1978 = 100)

TABLE 16 — EMPLOYED PERSONS: HOURS WORKED, QUEENSLAND, FEBRUARY 1992
(^{'000})

Hours worked	Females				Persons
	Males	Married	Not married	Total	
None	38.7	17.8	9.8	27.6	66.2
1-15	44.1	70.6	39.3	109.9	154.0
16-29	49.5	70.0	23.4	93.4	142.8
30-34	42.2	31.4	17.6	49.0	91.1
35-39	108.6	50.0	37.9	88.0	196.6
40	171.4	44.7	46.4	91.1	262.5
41-44	47.0	10.5	12.0	22.5	69.5
45-48	68.3	12.8	10.8	23.5	91.9
49 and over	201.5	32.7	15.9	48.7	250.1
Total	771.2	340.4	213.1	553.5	1,324.7

TABLE 17 — EMPLOYED PERSONS: AVERAGE HOURS WORKED BY STATUS OF WORKER, INDUSTRY AND OCCUPATION
QUEENSLAND, FEBRUARY 1992

Status of worker, industry division and occupation group	Females				Persons
	Males	Married	Not married	Total	
Status of worker					
Employers	55.3	36.9	40.9	37.1	49.0
Self-employed	42.9	27.7	28.1	27.8	38.1
Wage and salary earners	39.2	29.0	31.2	29.9	35.2
Unpaid family helpers	23.1	18.4	13.6	16.5	19.3
Industry division					
Agriculture, forestry, fishing and hunting	49.1	28.6	32.1	29.2	42.7
Mining	42.1	* 36.3	* 26.3	* 30.4	41.5
Manufacturing	40.3	31.4	32.6	31.8	38.1
Electricity, gas and water	35.8	28.7	* 28.7	28.7	34.4
Construction	40.7	20.8	33.2	22.9	38.5
Wholesale and retail trade	40.7	30.9	25.8	28.6	35.2
Wholesale trade	41.9	30.1	34.7	31.9	39.1
Retail trade	40.1	31.0	24.4	28.0	33.9
Transport and storage	38.3	27.0	32.8	29.1	36.5
Communication	35.6	29.9	39.5	32.4	34.5
Finance, property and business services	42.0	26.5	36.7	30.8	36.4
Public administration and defence	35.5	30.8	36.2	33.2	34.7
Community services	40.3	29.6	33.5	30.9	34.1
Recreation, personal and other services	37.8	28.7	27.7	28.2	32.6
Occupation group					
Managers and administrators	52.8	41.8	45.3	42.3	50.0
Professionals	42.9	33.5	38.4	35.4	39.7
Para-professionals	38.6	26.7	33.7	29.6	34.8
Tradespersons	39.5	31.9	34.6	33.2	38.9
Clerks	38.1	27.2	35.3	29.8	31.6
Salespersons and personal service workers	39.9	28.2	26.4	27.3	31.8
Plant and machine operators and drivers	38.8	29.5	24.0	27.9	37.5
Labourers and related workers	35.3	24.6	24.3	24.5	31.6
Full-time workers	43.5	41.1	39.5	40.4	42.5
Part-time workers	15.1	16.4	14.2	15.7	15.6
Total	40.6	29.2	30.9	29.9	36.1

TABLE 18 — EMPLOYED PERSONS: STATUS OF WORKER, INDUSTRY AND OCCUPATION, QUEENSLAND, FEBRUARY 1992 ('000)

Particulars	Females				Persons
	Males	Married	Not married	Total	
Status of worker					
Employers	48.4	24.0	* 1.5	25.5	73.9
Self-employed	105.1	43.2	6.5	49.8	154.8
Wage and salary earners	611.5	268.1	201.6	469.7	1,081.2
Unpaid family helpers	6.3	5.1	3.4	8.5	14.8
Industry division					
Agriculture, forestry, fishing and hunting	57.9	22.1	5.0	27.1	85.0
Mining	21.5	* 0.5	* 0.7	* 1.2	22.7
Manufacturing	122.0	27.5	15.0	42.5	164.5
Electricity, gas and water	12.3	* 1.9	* 1.1	3.0	15.3
Construction	84.9	10.2	* 2.1	12.3	97.2
Wholesale and retail trade	163.9	77.1	61.1	138.2	302.1
Wholesale trade	55.0	13.3	7.9	21.3	76.3
Retail trade	108.9	63.8	53.2	116.9	225.8
Transport and storage	54.1	8.2	4.6	12.8	66.9
Communication	15.3	6.1	* 2.2	8.3	23.6
Finance, property and business services	68.4	39.8	28.7	68.5	136.9
Public administration and defence	35.8	10.7	8.3	19.0	54.8
Community services	81.4	103.7	53.4	157.1	238.5
Recreation, personal and other services	53.8	32.6	30.9	63.5	117.3
Occupation group					
Managers and administrators	101.1	31.5	5.3	36.8	137.9
Professionals	77.4	35.4	22.0	57.4	134.8
Para-professionals	45.2	19.1	13.5	32.6	77.8
Tradespersons	180.7	9.7	9.2	18.9	199.5
Clerks	47.0	115.1	54.6	169.8	216.8
Salespersons and personal service workers	84.0	76.1	74.7	150.9	234.8
Plant and machine operators and drivers	87.3	8.4	3.5	11.9	99.2
Labourers and related workers	148.6	45.1	30.1	75.2	223.8
Total	771.2	340.4	213.1	553.5	1,324.7

TABLE 19 — EMPLOYED PERSONS: INDUSTRY BY OCCUPATION, QUEENSLAND, FEBRUARY 1992 ('000)

Industry division	Occupation group								Total
	Managers and administrators	Professionals	Para-professionals	Tradespersons	Clerks	Salespersons and personal service workers	Plant and machine operators and drivers	Labourers and related workers	
Agriculture, forestry, fishing and hunting	49.7	* 0.6	* 1.9	* 0.8	* 2.9	* 0.2	* 1.2	27.8	85.0
Mining	* 0.2	* 2.4	* 1.4	6.7	* 1.6	* 0.0	6.4	4.0	22.7
Manufacturing	11.3	6.8	3.1	51.4	18.9	8.1	25.7	39.2	164.5
Electricity, gas and water	* 0.5	* 0.9	* 1.9	4.1	3.7	* 0.8	* 1.6	* 1.8	15.3
Construction	6.9	* 1.1	3.1	50.4	10.8	* 0.3	8.9	15.5	97.2
Wholesale and retail trade	35.1	4.7	3.1	41.5	35.0	131.9	10.4	40.4	302.1
Transport and storage	* 1.9	* 1.4	3.3	5.0	9.2	6.3	32.2	7.7	66.9
Communication	* 0.5	* 1.2	* 1.6	7.0	11.1	* 0.7	* 1.0	* 0.5	23.6
Finance, property and business services	7.7	21.9	5.0	* 2.5	47.1	30.6	* 0.8	21.3	136.9
Public administration and defence	* 2.2	7.5	5.5	3.4	21.8	* 0.5	5.9	7.9	54.8
Community services	6.6	77.6	43.7	7.7	44.8	21.3	3.1	33.6	238.5
Recreation, personal and other services	15.3	8.9	4.0	19.0	10.0	34.2	* 2.0	23.9	117.3
Total	137.9	134.8	77.8	199.5	216.8	234.8	99.2	223.8	1,324.7

TABLE 20 — EMPLOYED PERSONS: STATUS OF WORKER, INDUSTRY AND OCCUPATION BY STATISTICAL REGION, QUEENSLAND, FEBRUARY 1992
(^{'000})

Particulars	Brisbane Statistical Division				Total
	Brisbane City Inner Ring	Brisbane City Outer Ring	South and East BSD Balance	North and West BSD Balance	
Status of worker					
Wage and salary earners	151.4	162.1	101.3	117.5	532.3
Others	21.4	22.8	17.8	16.2	78.3
Industry division					
Agriculture, forestry, fishing and hunting	* 0.5	* 1.2	2.3	* 0.9	4.8
Mining	* 0.7	* 0.6	* 0.8	* 0.7	* 2.8
Manufacturing	19.5	24.5	23.6	24.5	92.0
Electricity, gas and water	* 1.4	3.2	* 0.7	* 2.0	7.3
Construction	10.0	11.8	11.4	9.2	42.5
Wholesale and retail trade	36.2	46.4	31.1	33.6	147.4
Wholesale trade	11.6	12.7	7.7	9.7	41.6
Retail trade	24.6	33.8	23.4	23.9	105.7
Transport and storage	9.6	8.6	6.6	8.1	32.9
Communication	2.8	3.5	2.9	3.4	12.5
Finance, property and business services	26.1	25.4	11.7	13.0	76.1
Public administration and defence	9.7	9.1	4.4	6.4	29.6
Community services	42.9	38.0	16.0	25.2	122.2
Recreation, personal and other services	13.5	12.5	7.7	6.8	40.5
Occupation group					
Managers and administrators	11.6	15.2	7.0	8.9	42.6
Professionals	34.7	25.9	7.8	11.0	79.5
Para-professionals	12.0	10.1	7.1	9.9	39.1
Tradespersons	18.2	25.3	21.7	23.6	88.8
Clerks	33.7	37.1	22.2	23.6	116.6
Salespersons and personal service workers	29.9	30.7	22.9	21.4	104.9
Plant and machine operators and drivers	9.6	12.0	10.1	12.7	44.5
Labourers and related workers	23.1	28.5	20.3	22.7	94.5
Total	172.8	184.9	119.1	133.7	610.6

**DIAGRAM 4 - EMPLOYED PERSONS: HOURS WORKED, QUEENSLAND
FEBRUARY 1992**

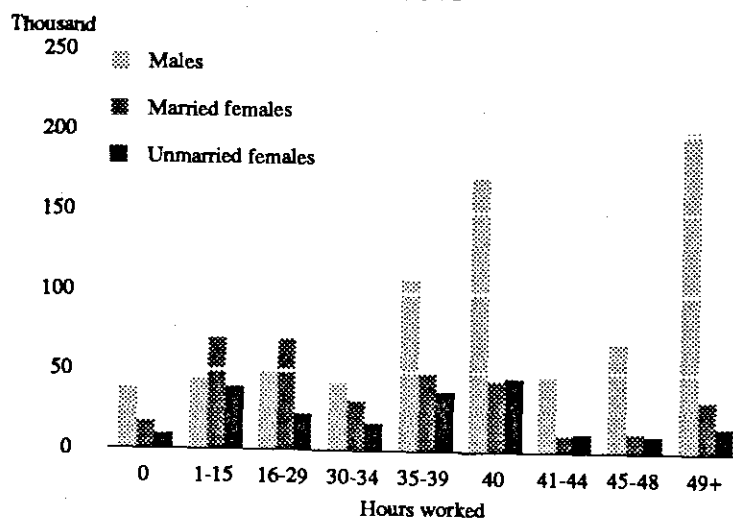
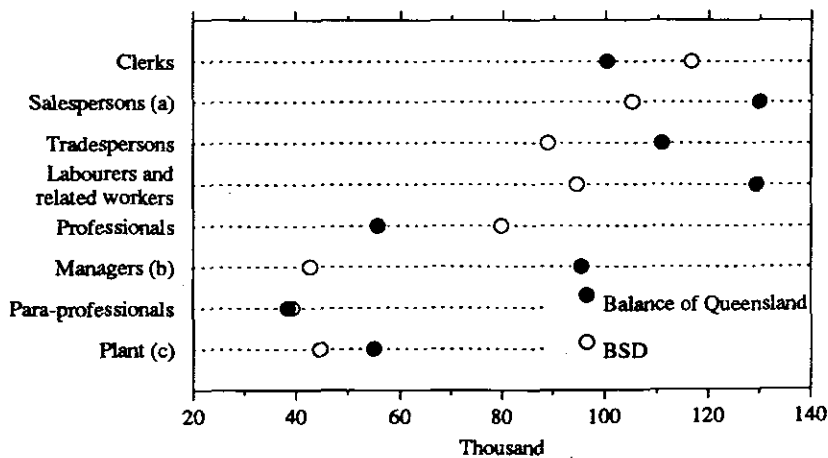


TABLE 20 — EMPLOYED PERSONS: STATUS OF WORKER, INDUSTRY AND OCCUPATION BY STATISTICAL REGION, QUEENSLAND, FEBRUARY 1992—continued
(^{'000})

Particulars	Balance of Queensland							Total	Queensland
	South and East Moreton	North and West Moreton	Wide Bay-Burnett	Darling Downs and South-West	Mackay, Fitzroy and Central-West	Northern and North-West	Far North		
Status of worker									
Wage and salary earners	110.8	67.9	57.8	69.8	94.8	78.3	69.6	548.9	1,081.2
Others	27.1	26.8	21.3	27.3	21.7	18.6	22.6	165.2	243.6
Industry division									
Agriculture, forestry, fishing and hunting	3.2	12.3	14.4	23.0	10.3	7.7	9.3	80.2	85.0
Mining	* 0.4	* 0.2	* 0.4	* 0.8	9.0	6.1	3.1	19.9	22.7
Manufacturing	15.9	8.1	8.9	9.7	13.4	9.9	6.5	72.5	164.5
Electricity, gas and water	* 0.4	* 1.1	* 1.4	* 0.2	2.8	* 1.6	* 0.6	8.0	15.3
Construction	12.8	11.5	6.5	3.6	7.9	6.5	5.9	54.7	97.2
Wholesale and retail trade	31.6	20.9	16.8	18.8	21.9	24.1	20.5	154.7	302.1
Wholesale trade	6.7	5.5	3.8	5.2	4.3	5.0	4.1	34.6	76.3
Retail trade	24.9	15.4	13.0	13.6	17.6	19.1	16.4	120.1	225.8
Transport and storage	4.3	4.0	3.0	5.7	8.0	3.9	5.1	34.0	66.9
Communication	* 1.7	* 1.1	* 1.4	* 1.3	* 2.0	2.3	* 1.4	11.1	23.6
Finance, property and business services	20.3	9.6	4.5	4.5	9.0	6.9	5.9	60.8	136.9
Public administration and defence	2.4	4.1	3.5	3.3	4.6	4.7	* 2.6	25.3	54.8
Community services	17.2	13.5	13.8	18.1	19.3	16.4	18.0	116.3	238.5
Recreation, personal and other services	27.6	8.3	4.4	8.2	8.1	6.8	13.3	76.7	117.3
Occupation group									
Managers and administrators	12.7	15.3	14.3	20.9	12.0	10.9	9.1	95.3	137.9
Professionals	11.8	6.5	4.6	6.5	9.4	9.6	7.0	55.4	134.8
Para-professionals	6.7	4.8	3.7	4.9	7.9	4.7	6.0	38.7	77.8
Tradespersons	24.8	15.0	10.3	11.0	18.8	17.3	13.6	110.8	199.5
Clerks	19.7	14.1	10.8	12.0	14.1	15.0	14.4	100.2	216.8
Salespersons and personal service workers	33.1	16.3	13.7	13.7	16.3	17.6	19.2	129.9	234.8
Plant and machine operators and drivers	7.3	7.5	4.5	7.9	14.4	7.4	5.7	54.7	99.2
Labourers and related workers	21.6	15.2	17.1	20.2	23.6	14.4	17.2	129.3	223.8
Total	137.8	94.7	79.1	97.1	116.5	96.9	92.2	714.2	1,324.7

DIAGRAM 5 - EMPLOYMENT BY OCCUPATION BY BSD AND BALANCE OF QUEENSLAND, FEBRUARY 1992



(a) Including personal service workers. (b) Including administrators.
(c) Including machine operators and drivers.

TABLE 21 — UNEMPLOYED PERSONS: DURATION OF UNEMPLOYMENT, QUEENSLAND

Duration of unemployment	1990	1991			1992	
	December	January	February	December	January	February
MALES						
	'000	'000	'000	'000	'000	'000
Unemployed						
Under 4 weeks	21.5	16.6	14.7	18.8	12.8	10.4
4 and under 8 weeks	11.6	21.0	13.9	13.2	19.1	13.0
8 and under 13 weeks	9.5	10.4	14.9	9.3	12.8	14.8
13 and under 26 weeks	11.7	13.6	14.4	11.8	13.3	15.8
26 and under 52 weeks	12.0	9.9	13.0	14.0	17.1	13.0
52 weeks and over	13.5	16.3	19.4	26.7	26.7	30.1
Total	79.9	87.8	90.3	93.9	101.8	97.0
	weeks	weeks	weeks	weeks	weeks	weeks
Median duration of unemployment	10	9	13	19	16	19
FEMALES						
	'000	'000	'000	'000	'000	'000
Unemployed						
Under 4 weeks	18.2	13.5	14.9	15.8	11.9	17.3
4 and under 8 weeks	8.4	13.2	11.7	8.9	12.4	11.7
8 and under 13 weeks	8.3	7.3	10.5	5.1	7.8	11.9
13 and under 26 weeks	7.7	7.6	9.3	7.3	7.4	11.4
26 and under 52 weeks	8.8	6.4	7.2	8.5	9.2	6.8
52 weeks and over	8.2	5.8	10.4	11.4	11.3	14.4
Total	59.5	53.8	64.0	57.2	60.0	73.6
	weeks	weeks	weeks	weeks	weeks	weeks
Median duration of unemployment	8	8	10	11	10	10
PERSONS						
	'000	'000	'000	'000	'000	'000
Unemployed						
Under 4 weeks	39.7	30.2	29.7	34.6	24.8	27.7
4 and under 8 weeks	20.0	34.2	25.6	22.1	31.4	24.7
8 and under 13 weeks	17.8	17.7	25.4	14.5	20.5	26.7
13 and under 26 weeks	19.3	21.2	23.7	19.1	20.7	27.3
26 and under 52 weeks	20.8	16.2	20.1	22.6	26.3	19.8
52 weeks and over	21.6	22.1	29.8	38.2	38.1	44.5
Total	139.4	141.6	154.2	151.0	161.9	170.6
	weeks	weeks	weeks	weeks	weeks	weeks
Median duration of unemployment	10	8	12	16	13	14

TABLE 22 — UNEMPLOYED PERSONS: DURATION OF UNEMPLOYMENT BY STATISTICAL REGION, QUEENSLAND, FEBRUARY 1992

Region	Unemployed			Median duration of unemployment weeks
	Under 13 weeks	13 weeks and over	Total	
	'000	'000	'000	
MALES				
Brisbane Statistical Division	15.0	23.8	38.9	20
Brisbane City Inner Ring	5.2	5.1	10.3	* 12
Brisbane City Outer Ring	4.0	8.1	12.1	25
South and East BSD Balance	3.6	4.9	8.5	* 18
North and West BSD Balance	* 2.2	5.7	8.0	* 26
Balance of Queensland	23.1	35.1	58.2	17
South and East Moreton	4.3	8.4	12.8	30
North and West Moreton	3.7	5.0	8.7	* 16
Wide Bay-Burnett	* 2.7	5.5	8.2	* 26
Darling Downs and South-West	3.4	* 2.1	5.5	* 10
Mackay, Fitzroy and Central-West	4.1	6.7	10.7	21
Northern and North-West	2.6	2.8	5.4	* 13
Far North	* 2.4	4.5	6.8	* 26
Queensland	38.2	58.9	97.0	19
FEMALES				
Brisbane Statistical Division	19.7	13.9	33.6	9
Brisbane City Inner Ring	6.1	2.4	8.6	* 6
Brisbane City Outer Ring	6.3	2.9	9.1	* 8
South and East BSD Balance	3.6	4.7	8.3	* 13
North and West BSD Balance	3.7	3.9	7.6	* 13
Balance of Queensland	21.3	18.7	40.0	11
South and East Moreton	3.8	4.3	8.2	* 13
North and West Moreton	4.0	2.9	6.9	* 10
Wide Bay-Burnett	* 1.8	* 2.6	4.4	* 22
Darling Downs and South-West	* 2.3	* 1.5	3.8	* 8
Mackay, Fitzroy and Central-West	4.4	3.1	7.4	* 10
Northern and North-West	3.1	2.6	5.6	* 12
Far North	* 1.8	* 1.7	3.6	* 11
Queensland	40.9	32.6	73.6	10
PERSONS				
Brisbane Statistical Division	34.7	37.8	72.4	13
Brisbane City Inner Ring	11.3	7.5	18.9	8
Brisbane City Outer Ring	10.3	10.9	21.2	13
South and East BSD Balance	7.2	9.6	16.8	14
North and West BSD Balance	5.9	9.6	15.6	19
Balance of Queensland	44.4	53.8	98.2	14
South and East Moreton	8.2	12.8	21.0	16
North and West Moreton	7.7	7.9	15.6	13
Wide Bay-Burnett	4.5	8.1	12.6	25
Darling Downs and South-West	5.7	3.6	9.4	* 10
Mackay, Fitzroy and Central-West	8.5	9.7	18.2	14
Northern and North-West	5.6	5.4	11.0	12
Far North	4.2	6.2	10.4	* 21
Queensland	79.1	91.5	170.6	14

TABLE 23 — UNEMPLOYED PERSONS AND UNEMPLOYMENT RATES: BIRTHPLACE BY AGE, QUEENSLAND, FEBRUARY 1992

Particulars	Unemployed			Unemployment rate		
	Males	Females	Persons	Males	Females	Persons
	'000	'000	'000	%	%	%
BORN IN AUSTRALIA						
Age group (years)						
15-19	15.7	16.8	32.5	22.1	23.9	23.0
20-24	14.5	11.2	25.7	14.8	13.2	14.0
25-34	19.0	13.8	32.8	10.2	11.2	10.6
35-44	11.2	10.2	21.4	7.0	8.0	7.4
45-54	7.8	5.1	12.9	6.9	6.3	6.7
55 and over	5.8	* 1.1	6.9	8.4	* 3.6	6.9
Looking for full-time work	64.6	39.3	103.9	10.4	13.1	11.2
Looking for part-time work	9.3	18.9	28.2	12.7	8.7	9.7
Total	73.9	58.2	132.2	10.6	11.3	10.9
BORN OUTSIDE AUSTRALIA						
Age group (years)						
15-19	* 2.0	* 1.5	3.5	* 26.1	* 24.2	25.3
20-24	4.3	* 2.5	6.7	24.4	* 18.6	21.9
25-34	4.7	4.3	9.0	12.8	15.1	13.8
35-44	5.4	3.5	8.8	11.2	10.9	11.1
45-54	3.6	* 2.9	6.5	8.9	* 13.5	10.5
55 and over	3.2	* 0.7	3.9	14.8	* 8.9	13.2
Looking for full-time work	20.5	12.1	32.6	13.3	17.8	14.7
Looking for part-time work	* 2.6	3.2	5.8	* 14.6	7.8	9.8
Total	23.1	15.3	38.5	13.5	14.0	13.7
Main English-speaking countries (a)	11.8	9.3	21.1	11.6	13.4	12.3
Other	11.4	6.0	17.4	16.2	15.0	15.8

(a) Comprises the United Kingdom, Ireland, Canada, the United States of America, South Africa and New Zealand.

DIAGRAM 6 - MEDIAN DURATION OF UNEMPLOYMENT, QUEENSLAND

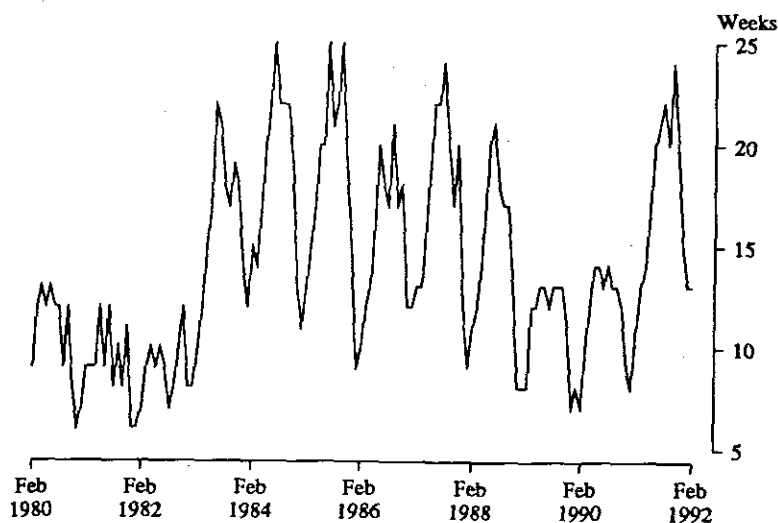
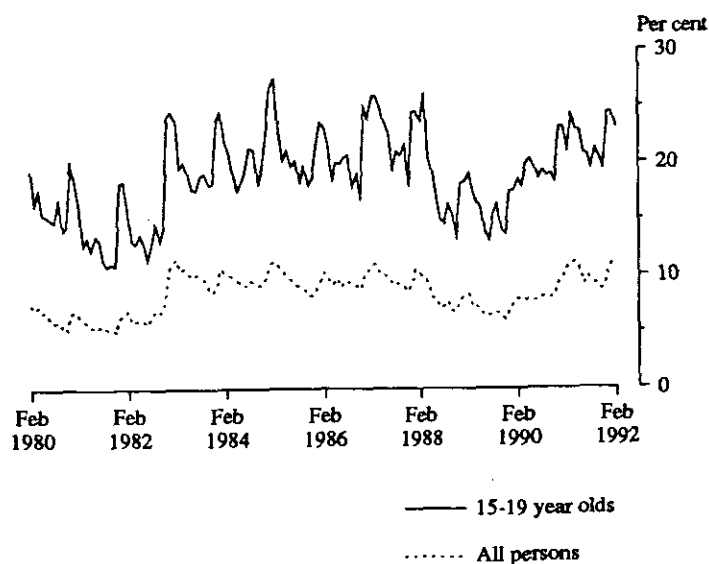


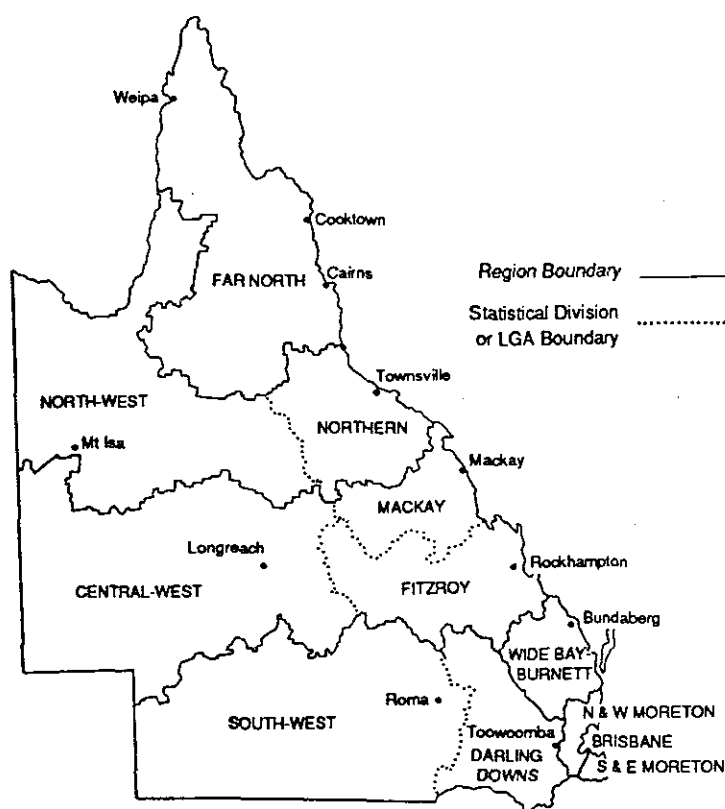
TABLE 24 — UNEMPLOYED PERSONS AND UNEMPLOYMENT RATES: INDUSTRY AND OCCUPATION OF LAST FULL-TIME JOB, QUEENSLAND

Unemployment category, industry division and occupation group	February 1991		May 1991		August 1991		November 1991		February 1992	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
	'000	%	'000	%	'000	%	'000	%	'000	%
Persons who had worked full-time for 2 weeks or more in the last 2 years	95.0	6.8	96.1	6.9	88.9	6.4	80.3	5.7	92.1	6.5
Industry division										
Agriculture, forestry, fishing and hunting	9.8	10.8	10.4	11.3	7.4	8.4	7.5	7.6	8.4	8.9
Manufacturing	14.5	8.8	16.2	10.4	16.8	10.1	14.8	8.8	17.6	9.7
Construction	13.8	11.4	13.0	10.6	14.7	12.0	10.7	8.7	15.5	13.7
Wholesale and retail trade	21.0	6.6	25.9	8.0	20.3	6.3	18.8	6.0	18.2	5.6
Community services	9.1	3.8	6.3	2.6	4.6	1.9	7.4	2.9	7.6	3.1
Recreation, personal and other services	10.3	8.7	8.9	7.4	9.6	8.1	7.1	5.7	8.6	6.8
Other industries	16.6	4.9	15.4	4.5	15.6	4.6	14.0	4.3	16.3	4.8
Occupation group										
Managers and administrators	* 2.6	* 1.9	4.0	2.9	4.3	3.2	* 2.3	* 1.6	3.1	2.2
Professionals	5.0	3.6	* 2.3	* 1.6	* 2.1	* 1.5	* 2.4	* 1.7	4.4	3.1
Para-professionals	* 2.9	* 4.1	3.3	4.4	3.4	4.0	3.2	3.7	* 2.6	* 3.3
Tradespersons	18.0	8.0	17.0	7.6	16.9	7.7	14.9	6.9	18.2	8.4
Clerks	9.2	4.0	8.5	3.8	8.4	3.8	7.4	3.5	11.2	4.9
Salespersons and personal service workers	16.1	6.9	19.2	8.1	17.6	7.2	13.2	5.5	12.8	5.2
Plant and machine operators and drivers	9.5	9.1	8.0	7.4	7.6	6.7	8.2	7.6	9.8	9.0
Labourers and related workers	31.7	12.8	33.6	13.7	28.6	11.9	28.6	11.4	30.0	11.7
Reason for ceasing last full-time job										
Job loser										
Laid off, retrenched	37.7	..	47.3	..	44.2	..	38.8	..	45.1	..
Other	23.2	..	18.9	..	18.3	..	19.9	..	22.3	..
Job leaver	34.1	..	30.0	..	26.5	..	21.6	..	24.7	..
Other										
Persons looking for first job	12.7	..	13.6	..	9.6	..	13.0	..	18.2	..
Former workers	42.3	..	41.7	..	34.9	..	32.6	..	55.6	..
Persons stood down	4.2	..	4.1	..	3.1	..	* 2.9	..	4.7	..
Total	154.2	10.7	155.5	10.7	136.6	9.5	128.8	8.9	170.6	11.4
Looking for full-time work	126.8	11.3	129.0	11.4	117.3	10.5	109.3	9.8	136.6	11.9
Looking for part-time work	27.4	8.6	26.5	8.2	19.2	5.9	19.4	5.8	34.0	9.8

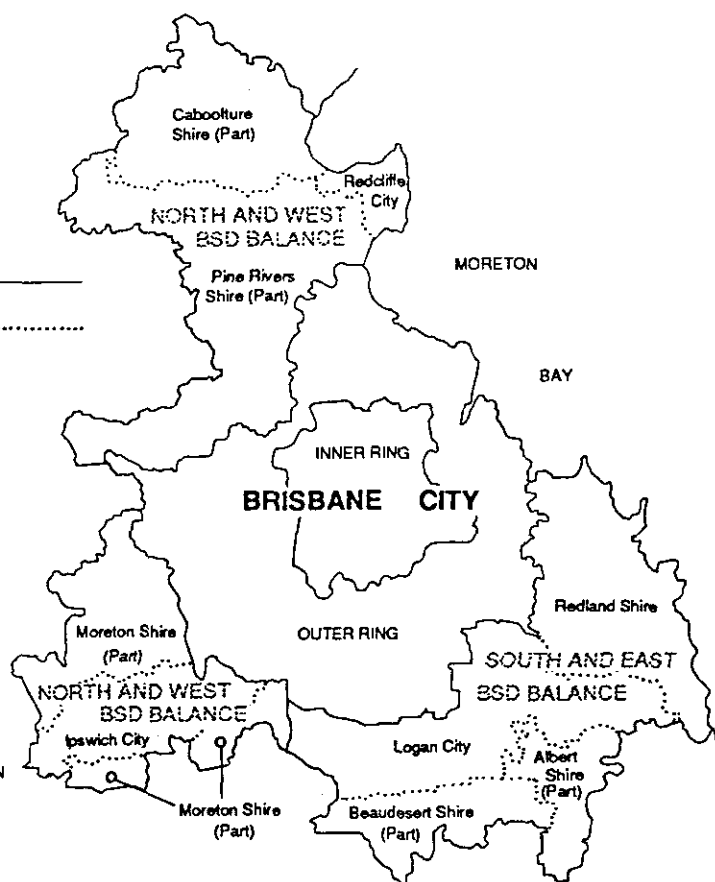
DIAGRAM 7 - UNEMPLOYMENT RATES, QUEENSLAND



STATISTICAL REGIONS, QUEENSLAND



STATISTICAL REGIONS, BRISBANE STATISTICAL DIVISION



Brisbane City Inner Ring

Albion	Clayfield	Highgate Hill	Red Hill
Alderley	Coorparoo	Holland Park	Sherwood
Annerley	Corinda	Holland Park West	South Brisbane
Ascot	Dutton Park	Indooroopilly	Spring Hill
Ashgrove	East Brisbane	Kangaroo Point	St Lucia
Balmoral	Enoggera (including Military Camp)	Kedron	Stafford
Bardon	Fairfield	Kelvin Grove	Stafford Heights
Bowen Hills	Fortitude Valley - Inner	Lutwyche	Taringa
Bulimba	Fortitude Valley - Remainder	Milton	Tarragindi
Camp Hill	Graceville	Moorooka	Toowong
Cannon Hill	Grange	Morningside	West End
Carina	Greenslopes	New Farm	Wilston
Carina Heights	Hamilton	Newmarket	Windsor
Carindale	Hawthorne	Newstead	Woolloongabba
Chelmer	Hendra	Norman Park	Woolloowin
City - Inner	Herston	Nundah	Yeerongpilly
City - Remainder		Paddington	Yeronga

EXPLANATORY NOTES

The population survey

The survey is based on a multi-stage area sample of private dwellings and non-private dwellings (hotels, motels, etc.) and usually covers slightly more than three-fifths of 1 per cent of the population of Queensland. The information is obtained from the occupants of selected dwellings by carefully chosen and specially trained interviewers. The interviews are generally conducted during a period of 2 weeks beginning on the Monday between the 6th and 12th of each month. The information obtained relates to the week before the interview (i.e. the reference week).

Scope

2. The labour force survey includes all persons aged 15 years and over except:

- (a) members of the permanent defence forces;
- (b) certain diplomatic personnel of overseas governments, customarily excluded from Census and estimated populations;
- (c) overseas residents in Australia and
- (d) members of non-Australian defence forces (and their dependants) stationed in Australia.

Coverage

3. In the labour force survey, coverage rules are applied which aim to ensure that each person is associated with only one dwelling and hence has only one chance of selection. The coverage rules are, necessarily, a balance between theoretical and operational considerations. Nevertheless, the chance of a person being enumerated at two separate dwellings in the one survey is considered to be negligible. See paragraphs 24 to 26 for information about the effect of the coverage rules on family statistics.

4. Persons who are away from their usual residence for 6 weeks or less at the time of interview are enumerated at their usual residence when relevant information can be obtained from other usual residents present at the time of the survey.

Supplementary and special surveys

5. Emphasis in the population survey is placed on the regular collection of specific data on demographic and labour force characteristics of the population. However, supplementary and special surveys of particular aspects of the labour force or of other subjects are carried out from time to time. Statistics from these surveys are published and are available on request. A list of survey publications on labour force and related topics is shown on page 30.

Population benchmarks

6. Labour force survey estimates of persons employed, unemployed and not in the labour force are calculated in such a way as to add up to the independently estimated distribution of the population aged 15 years and over by age and sex. This procedure compensates for under-enumeration in the survey and leads to more reliable estimates. The independent population statistics (benchmarks) are the latest available estimates at the time the labour force survey is conducted, but they usually differ from the official population estimates subsequently published in the quarterly ABS publication *Australian Demographic Statistics* (3101.0) because they are necessarily derived from incomplete information about population changes.

7. Since regular estimates of the population are not available at the regional level, the State benchmarks were used to produce regional estimates. This methodology assumes a common pattern of under-enumeration at the regional level and also ensures that regional estimates add to the State totals.

8. While this procedure can be expected to provide reliable estimates of unemployment and participation rates, it cannot be taken as completely reliable for estimates of numbers involved. For this reason estimates of numbers in each region have not been added to provide an estimate of the total civilian population aged 15 years and over.

Revision of series

9. Survey estimates are not revised for the usually small amendments of population benchmarks arising from new data on deaths and overseas and internal migration. Revisions are made, however, after each census of population and housing and when population estimation bases are reviewed. These revisions affect unadjusted, seasonally adjusted and trend estimates. The last such revision was made in February 1989 to take account of the results of the 1986 Census of Population and Housing. This affected all the monthly estimates from January 1984 to January 1989.

10. From September 1987, regional estimates were based on statistical regions. Prior to September 1987, estimates were based on differently composed dissemination regions.

11. The estimates shown in this publication are based entirely on place of usual residence. Prior to October 1982, the estimates are based on a combination of place of enumeration and place of usual residence.

12. Until February 1978, surveys were conducted in February, May, August and November each year from 1964. From February 1978 the survey has been conducted on a monthly basis.

EXPLANATORY NOTES — *continued*Revision of series — *continued*

13. The questionnaire used in the survey for the collection of labour force data has been revised a number of times. Details of these changes have been published in Information Paper: *Questionnaires Used in the Labour Force Survey* (6232.0) in March 1978, December 1981, August 1984, June 1986 and June 1991.

Comparability of series

14. As noted in paragraph 9, estimates from January 1984 have been revised to conform to revised population estimates following the 1986 Census of Population and Housing and are thus not strictly comparable with estimates for periods prior to January 1984 which have not been revised.

15. Regional estimates were based on statistical regions from September 1987. They are not comparable to estimates prior to that date which were based on differently composed dissemination regions.

16. Comparability with estimates produced from the quarterly survey of employment and earnings is affected by the use of a different survey methodology and definitions. The labour force survey provides estimates of people in jobs whereas the survey of employment and earnings provides an estimate of the number of jobs held by wage and salary earners. A more detailed description of the differences between these two series is provided in Information Paper: *Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (6263.0).

Reliability of estimates

17. Estimates in this publication are subject to two sources of error.

- (a) *Sampling error.* Since the estimates are based on information obtained from occupants of a sample of dwellings they, and the movements derived from them, may differ from the figures that would have been produced if all dwellings had been included in the survey. More information on this topic is given in the Technical Notes.
- (b) *Non-sampling error.* Inaccuracies may occur because of imperfections in reporting by respondents and interviewers and errors made in coding and processing data. These inaccuracies may occur in any enumeration, whether it be a full count or a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures.

Survey sample redesign

18. The Labour Force Survey sample has been redesigned and reselected using information collected in the 1986 Census of Population and Housing. The new sample was phased in over the period September to December 1987. For details, see Information Paper: *Labour Force Survey — Sample Design* (6269.0).

19. The sampling fraction differs for States and Territories to enable estimates of reasonable accuracy to be produced at State level as well as for Australia. The sampling fraction for Queensland is 1 in 160.

Seasonal adjustment

20. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effect of other influences on the series can be more clearly recognised. Seasonal adjustment does not remove the irregular or non-seasonal influences which may be present in any particular month. Influences that are volatile can still make it difficult to interpret the movement of the series even after adjustment for seasonal variation. Seasonal factors are reviewed annually to take account of each additional year of original data.

Trend estimation

21. Smoothed seasonally adjusted series produce a measure of trend by reducing the impact of the irregular component of the series. The trend estimates are derived by applying a 13-term Henderson-weighted moving average to the respective seasonally adjusted series. These trend series are used to analyse the underlying behaviour of the series over time.

22. While this smoothing technique enables estimates to be produced which include the latest month, it does result in revisions to the most recent months as additional observations become available. Generally, subsequent revisions become smaller and after 3 months have a negligible impact on the series. There will also be revisions as a result of the annual review of seasonal factors.

Month-to-month movements

23. Care should be taken in the interpretation of month-to-month movements in labour force survey estimates as they are subject to sampling and non-sampling variability as explained in paragraph 17.

EXPLANATORY NOTES — continued

Family labour force status and other characteristics

24. As a part of survey procedures, family relationships are determined each month, enabling both the estimation of persons cross-classified by their family status and the estimation of families.

25. Because of the coverage rules of the population survey which associate persons with particular dwellings so that each person has an equal chance of selection in the survey, persons who usually live with other members of their family may, at the time of the survey, be enumerated as not living with all the usual members of their family. This situation is more likely for persons who are enumerated as visitors to other private dwellings or as persons staying in non-private dwellings (hotels, caravan parks, hospitals, etc.). The determination of family structure and family characteristics in such cases is most difficult. Thus, family information was not obtained for the following persons:

- (a) all persons enumerated in non-private dwellings (including hotels, motels, hospitals and other institutions) and
- (b) persons enumerated as visitors to (rather than usual residents of) private dwellings.

26. In addition, in those private dwellings where it was not possible to obtain information relating to all the usual residents, no family information was recorded. Thus the family characteristics of persons living in families which include a member of the permanent defence forces, who is outside the scope of the population survey, are not determined because family information could not be obtained from each usual resident. Similarly, families which at the time of the survey have one or more of their members away from the usual residence, are also excluded from family determination. A summary of those persons for whom family information was obtained, as well as those usual residents of private dwellings for whom complete family information could not be obtained, and those persons specifically excluded from the family determination procedures is contained in Table 14. Generally, family status is determined for more than 90 per cent of all civilians aged 15 years and over.

Related publications

27. Users may also wish to refer to the following publications which are available on request:

- The Labour Force, Australia, Preliminary* (6202.0) — Monthly (\$10.00)
- The Labour Force, Australia* (6203.0) — Monthly (\$14.50)
- The Labour Force, Australia, Historical Summary* (6204.0) — Latest issue: 1966 to 1984
- Monthly Summary of Statistics* (1304.3) — Monthly (\$9.50)
- Economic Indicators* (1307.3) — Monthly (\$6.50)

Information Paper: *Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (6263.0) — Latest issue: July 1985

Information Paper: *A Guide to Smoothing Time Series — Estimates of 'Trend'* (1316.0) — Latest issue: 1987

Information Paper: *Time Series Decomposition — an Overview* (1317.0) — Latest issue: 1987

Information Paper: *Labour Force Survey — Sample Design* (6269.0) — Latest issue: August 1987

Information Paper: *Labour Force Survey — Measuring Teenage Unemployment* (6270.0) — Latest issue: October 1987

Information Paper: *Measuring Employment and Unemployment* (6279.0) — New issue: August 1991

28. Current publications produced by the ABS are listed in the *Catalogue of Publications and Products* (1101.0). The ABS also issues the *Publications Advice* (1105.0) on Tuesdays and Fridays which lists publications to be released in the next few days. Both the *Catalogue* and the *Publications Advice* are available from any ABS office.

Unpublished statistics

29. As well as the statistics included in this and related publications, the ABS may have other relevant unpublished data available. Inquiries should be made to the contact shown at the front of this publication.

Symbols and other usages

- .. not applicable
- * subject to sampling variability too high for most practical purposes; See paragraphs 8 and 9 in the Technical Notes

30. Where figures have been rounded, discrepancies may occur between totals and the sums of the component items.

APPENDIX

SUPPLEMENTARY AND SPECIAL SURVEYS RELATING TO THE LABOUR FORCE

Although emphasis in the population survey is placed on the regular collection of data on demographic and labour force characteristics, supplementary and special surveys of particular aspects of the labour force are carried out from time to time. The results of these surveys on labour force and related topics are published separately as shown below.

<i>Title of publication</i>	<i>Latest Data</i>	<i>Catalogue No.</i>
Alternative Working Arrangements, Australia	September to November 1986	6341.0
Annual and Long Service Leave Taken, Australia	May 1988 to April 1989	6317.0
Career Paths of Persons With Trade Qualifications, Australia	1989	6243.0
Career Paths of Qualified Nurses, Australia	March to July 1989	6277.0
Child Care Arrangements, Australia	June 1987	4402.0
Employment Benefits, Australia	July 1991	6334.0
How Workers Get Their Training, Australia	1989	6278.0
1990 Survey of Income and Housing Costs and Amenities	1990	6546.0
Job Search Experience of Unemployed Persons, Australia	June 1991	6222.0
Labour Force Experience, Australia	March 1991	6206.0
Labour Force Status and Educational Attainment, Australia	February 1991	6235.0
Labour Force Status and Educational Attendance (Persons Aged 15 to 24)	September 1990	6272.0
Labour Force Status and Other Characteristics of Families	June 1991	6224.0
Labour Force Status and Other Characteristics of Migrants, Australia	September 1990	6250.0
Labour Mobility, Australia	February 1991	6209.0
Multiple Jobholding, Australia	July 1991	6216.0
Persons Employed at Home, Australia	April 1989	6275.0
Persons Not in the Labour Force, Australia	September 1991	6220.0
Persons Who Had Re-entered the Labour Force, Australia	May 1990	6264.0
Persons Who Have Left the Labour Force, Australia	April 1991	6267.0
Retirement and Retirement Intentions, Australia	November 1989	6238.0
Successful and Unsuccessful Job Search Experience, Australia	July 1990	6245.0
Superannuation, Australia	November 1988	6319.0
Trade Union Members, Australia	August 1990	6325.0
Transition From Education to Work, Australia	May 1991	6227.0
Underemployed Workers, Australia	May 1991	6265.0
Weekly Earnings of Employees (Distribution), Australia	July 1991	6310.0

Special tabulations of data from these surveys are available. Please contact Mark Chalmers on (07) 222 6336 for further information.

CUSTOMISED REPORTS

Summary reports at the national, State and regional level can be prepared for any aspect of the labour force required, or on any aspect of employment, earnings or industrial conditions. Please contact Mark Chalmers on (07) 222 6336 for details or write to Australian Bureau of Statistics, GPO Box 9817, Brisbane Q 4001.

SOME RECENT RELEASES OF INTEREST

Multiple Jobholding, Australia, July 1991 (6216.0), (\$11.50)

This publication provides estimates of persons who are holding more than one job. Data are classified by the occupation of the main and second jobs, the status of worker in main and second jobs, as well as marital status, hours worked in main and second jobs, and industry of main and second jobs.

Persons Not in the Labour Force, Australia, September 1991 (6220.0), (\$12.50)

This publication covers members of the civilian population aged 15 to 69 not in the labour force. Data from this survey are used to measure the potential supply of labour not reflected in statistics of the labour force, and in particular, to measure the number and characteristics of discouraged job seekers and others marginally attached to the labour force.

1990 Survey of Income and Housing Costs and Amenities (6546.0), (\$35.00)

This publication provides information on persons with earned income and examines the relationship between levels of earned income and demographic and social characteristics of the recipients, eg. age, sex, labour force attachment, educational qualifications, occupation. A package of unpublished tables for Queensland is also available at a cost of \$30.00.

Underemployed Workers, Australia, May 1991 (6265.0), (\$11.50)

This publication provides data on the extent of underemployment and the characteristics of underemployed workers. This includes information about the jobs in which they are employed and their employment preferences. The data enable some comparisons between the underemployed and the fully employed. The potential hours of work that are lost due to underemployment are also measured.

Employment Benefits, Australia, July 1991 (6334.0), (\$11.50)

This publication provides estimates of the numbers and types of employment benefits received by employees, cross classified by demographic and labour force characteristics.

Weekly Earnings of Employees (Distribution), Australia, July 1991 (6310.0), (\$11.50)

This publication contains information on the distribution of weekly earnings of all wage and salary earners. This data is classified by full-time/part-time status, age, State and Territory, hours worked, and hours paid for. Full-time employees are classified by age, sex, industry and occupation.

Please contact Mark Chalmers, in the Social Statistics Support Unit on (07) 222 6336 for further information.

TECHNICAL NOTES

Estimation procedure

The labour force estimates are derived from the monthly population survey by use of a complex ratio estimation procedure, which ensures that the survey estimates conform to an independently estimated distribution of the population by age and sex, rather than to the age and sex distribution within the sample itself. This procedure compensates for under-enumeration in the survey and leads to more reliable estimates.

2. Since regular estimates of the population are not available at the regional level, the State benchmarks were used to produce regional estimates. This methodology assumes a common pattern of under-enumeration at the regional level and also ensures that regional estimates add to the State totals.

Data quality

3. Two types of error are possible in an estimate based on a sample survey: sampling error and non-sampling error. *Non-sampling error* is explained in the Explanatory Notes, paragraph 17(b). The *sampling error* is a measure of the variability that occurs by chance because a sample, rather than the entire population, is surveyed.

Standard error of estimates

4. One measure of the variability of estimates which occurs as a result of surveying only a sample of the population is the *standard error* (SE).

5. There are about two chances in three that a sample estimate will differ by less than one standard error from the figure that would have been obtained if all dwellings had been included and about 19 chances in 20 that the difference will be less than two standard errors.

6. The standard error of an estimate can be obtained from Table A. Linear interpolation should be used to calculate the standard error of estimates falling between the sizes of estimates listed in the table (see example following Table A).

7. Standard errors for some estimates, e.g. unemployment, can vary from those shown in the tables.

Methods for calculating the standard errors of these estimates are shown in the table below.

Relative standard error

8. Another measure of sampling variability is the *relative standard error* (RSE). This is obtained by expressing the standard error as a percentage of the estimate to which it refers. The relative standard error is a useful measure in that it provides an immediate indication of the percentage errors likely to have occurred due to sampling and thus avoids the need to refer also to the size of the estimate.

9. In the tables in this publication, only estimates with relative standard errors of 25 per cent or less, and percentages based on such estimates, are considered sufficiently reliable for most purposes. However, estimates and percentages with larger relative standard errors have been included and are preceded by an asterisk (e.g. *3.0) to indicate they are subject to high standard errors and should be used with caution. Small estimates are subject to such high standard errors (relative to the size of the estimate) as to detract seriously from their value for most reasonable use.

Standard error of movement

10. The movement in the level of an estimate is also subject to sampling variability. The standard error of the movement depends on the levels of the estimates from which the movement is obtained rather than the size of the movement. Standard errors of monthly movements are given in Table B. These estimates apply only to estimates of movements between two consecutive months.

11. Movements between corresponding months of consecutive quarters, i.e. *quarterly movements*, can be obtained by multiplying the figure in Table B by 1.22. Standard errors of movements between corresponding months of consecutive years, i.e. *annual movements*, can be obtained by multiplying the figures in Table A by 1.3. When using Tables A or B to calculate standard errors of movements, refer to the larger of the two estimates from which the movement is derived.

METHODS FOR CALCULATING THE STANDARD ERRORS FOR SELECTED ESTIMATES

Measure of reliability to be determined	Method
Standard errors of estimates of employed persons.	Determine the SE from Table A directly.
Standard errors of estimates of unemployed persons.	Multiply the SE from Table A by 0.97.
Standard errors of estimates of persons not in the labour force.	Multiply the SE from Table A by 1.06.
Standard errors of rates (e.g. the unemployment rate which is based on the number of unemployed persons expressed as a percentage of the number of persons in the labour force).	Determine the RSE of the numerator (x) and the denominator (y) then apply the following formula.
	$RSE(x/y) = \sqrt{[RSE(x)]^2 + [RSE(y)]^2}$
Standard error of average hours worked.	Determine the RSE for the number of persons on which the average is based and multiply this by 0.7.
Standard error of median duration of unemployment.	Determine the RSE for the number of persons on which the median is based and multiply this by 2.0.
Standard error of monthly movements.	Using Table B, look up the SE of the larger estimate.
Standard error of quarterly movements.	Determine the standard error of the larger estimate (using Table A) and multiply this by 1.22.
Standard error of annual movements.	Determine the standard error of the larger estimate (using Table A) and multiply this by 1.3.

TECHNICAL NOTES — *continued*

TABLE A — STANDARD ERRORS OF ESTIMATES FOR STATISTICAL REGIONS AND QUEENSLAND

Size of estimate	Brisbane (BSD) Statistical Regions					
	Queensland; Brisbane (BSD); Balance of Queensland		Brisbane City Inner Ring	Brisbane City Outer Ring	South and East Brisbane Statistical Division Balance	North and West Brisbane Statistical Division Balance
	No.	%	No.	No.	No.	No.
1,000	440	43.7	340	350	370	370
1,200	480	39.9	380	390	410	400
1,500	530	35.5	420	440	460	450
1,800	580	32.4	470	480	500	500
2,000	610	30.6	490	510	530	530
2,400	670	27.8	540	560	580	580
2,500	680	27.3	550	570	600	590
3,000	740	24.8	610	630	660	650
3,500	800	22.8	660	680	710	700
4,000	850	21.2	710	730	760	760
4,500	900	19.9	750	770	810	800
5,000	940	18.8	800	820	860	850
6,000	1,000	17.1	880	900	940	940
8,000	1,150	14.6	1,000	1,050	1,100	1,100
10,000	1,300	12.9	1,150	1,200	1,250	1,200
20,000	1,750	8.7	1,650	1,700	1,800	1,750
30,000	2,100	6.9	2,050	2,100	2,200	2,200
40,000	2,350	5.9	2,350	2,450	2,550	2,550
50,000	2,600	5.2	2,650	2,750	2,850	2,850
100,000	3,400	3.4	3,850	3,950	4,150	4,100
200,000	4,500	2.2	5,500	5,700	5,900	5,900
300,000	5,200	1.7	6,800	7,000	7,400	7,300
500,000	6,300	1.3	8,900	9,200	9,600	9,500
1,000,000	8,100	0.8	12,800	13,200	13,800	13,700
2,000,000	10,300	0.5	18,500	19,000	19,900	19,700

Size of estimate	Balance of Queensland Statistical Regions						
	South and East Moreton	North and West Moreton	Wide Bay-Burnett	Darling Downs and South-West	Mackay, Fitzroy and Central-West	Northern and North-West	Far North
	No.	No.	No.	No.	No.	No.	No.
1,000	350	370	390	380	380	350	400
1,200	380	410	430	410	410	390	440
1,500	430	460	480	460	470	440	500
1,800	470	500	530	510	510	480	550
2,000	500	530	560	540	540	510	580
2,400	550	580	610	590	600	560	630
2,500	560	600	630	610	610	570	650
3,000	620	660	690	670	670	630	710
3,500	670	710	750	720	730	680	770
4,000	720	760	800	780	780	730	830
4,500	760	810	850	830	830	780	880
5,000	810	860	900	870	880	820	930
6,000	890	940	990	960	960	910	1,050
8,000	1,050	1,100	1,150	1,100	1,100	1,050	1,200
10,000	1,150	1,250	1,300	1,250	1,250	1,200	1,350
20,000	1,650	1,750	1,850	1,800	1,800	1,700	1,950
30,000	2,050	2,200	2,300	2,250	2,250	2,100	2,400
40,000	2,400	2,550	2,700	2,600	2,600	2,450	2,800
50,000	2,700	2,850	3,000	2,950	2,950	2,750	3,100
100,000	3,900	4,150	4,350	4,200	4,200	3,950	4,500
200,000	5,600	5,900	6,200	6,100	6,100	5,700	6,500

TECHNICAL NOTES — *continued*

Linear interpolation

12. Linear interpolation is used to determine the standard error of an estimate which falls between two values listed in the *size of estimate* column in Tables A or B. Linear interpolation is best described using an example. In February 1992 there were 553,500 (X_e) employed females in Queensland. This estimate falls between the values 500,000 (X_1) and 1,000,000 (X_u) in Table A.

13. The standard error of the estimate is determined as follows:

$$\begin{aligned} \text{Firstly calculate } F &= \frac{X_e - X_1}{X_u - X_1} \\ &= \frac{553,500 - 500,000}{1,000,000 - 500,000} \\ &= 0.107 \end{aligned}$$

Secondly, calculate the standard error of the estimate, $SE(X_e)$ thus,

$$\begin{aligned} SE(X_e) &= SE(X_1) + F[SE(X_u) - SE(X_1)] \\ &= 6,300 + 0.107 \times [8,100 - 6,300] \\ &= 6,493 \\ &= 6,500 \text{ rounding to the nearest 100.} \end{aligned}$$

Therefore the standard error of the number of employed females in Queensland in February 1992 (553,500) is 6,500.

TABLE B — STANDARD ERRORS OF MONTHLY MOVEMENTS FOR STATISTICAL REGIONS AND QUEENSLAND

Size of estimate	Brisbane (BSD) Statistical Regions					
	Queensland; Brisbane (BSD); Balance of Queensland		Brisbane City Inner Ring	Brisbane City Outer Ring	South and East Brisbane Statistical Division Balance	North and West Brisbane Statistical Division Balance
	No.	%	No.	No.	No.	No.
1,000	520	52.3	300	280	230	290
1,500	600	40.1	360	340	270	350
2,000	660	33.2	410	380	310	390
2,500	450	28.6	450	420	340	430
3,000	760	25.4	490	460	360	470
4,000	840	21.0	550	520	410	530
5,000	910	18.2	610	570	460	590
6,000	970	16.1	660	620	490	640
8,000	1,050	13.3	740	700	560	720
10,000	1,150	11.5	820	770	610	790
20,000	1,450	7.3	1,100	1,050	830	1,050
30,000	1,700	5.6	1,300	1,250	990	1,300
40,000	1,850	4.6	1,500	1,400	1,100	1,450
50,000	2,000	4.0	1,650	1,550	1,250	1,600
100,000	2,550	2.5	2,200	2,100	1,650	2,150
200,000	3,200	1.6	3,000	2,850	2,250	2,900

Balance of Queensland Statistical Regions

Size of estimate	South and East Moreton	North and West Moreton	Wide Bay- Burnett	Darling Downs and South-West	Mackay, Fitzroy and Central-West	Northern and North-West	Far North
	No.	No.	No.	No.	No.	No.	No.
1,000	260	270	310	290	310	290	260
1,500	310	320	370	350	370	350	310
2,000	350	360	410	400	420	400	350
2,500	390	400	460	440	460	440	390
3,000	420	430	490	470	500	470	420
4,000	480	490	560	540	560	540	480
5,000	520	540	620	590	620	590	530
6,000	570	590	670	640	670	640	570
8,000	640	660	760	720	760	720	640
10,000	710	730	830	800	840	800	710
20,000	960	990	1,150	1,100	1,150	1,100	960
30,000	1,150	1,200	1,350	1,300	1,350	1,300	1,150
40,000	1,300	1,350	1,500	1,450	1,550	1,450	1,300
50,000	1,400	1,450	1,700	1,600	1,700	1,600	1,450
100,000	1,900	2,000	2,250	2,150	2,250	2,150	1,950
200,000	2,600	..	..	2,950	3,050	2,900	..

GLOSSARY

Attending school. Persons aged 15 to 19 years who, during the reference week, were enrolled full-time at secondary or high schools.

Attending tertiary educational institution full-time. Persons aged 15 to 24 years who, during the reference week, were enrolled full-time at universities, colleges of advanced education, technical colleges, colleges of technical and further education and theological colleges.

Average hours worked. Aggregate hours worked by a group divided by the number of persons in that group.

Average duration of unemployment. For a group of unemployed persons, the aggregate duration of unemployment divided by the number of persons in the group.

Dependants. All family members under 15 years of age, all family members aged 15 to 19 years attending school and all family members aged 15 to 24 years attending a tertiary educational institution full-time.

Duration of unemployment. The period from the time a person began looking for work or was stood down, to the end of the reference week. Thus the survey measures current (and continuing) periods of unemployment rather than completed spells. For persons who may have begun looking for work while still employed, the duration of unemployment is defined as the period from the time the person last worked full-time for 2 weeks or more to the end of the reference week.

Employed. Persons aged 15 years and over who, during the reference week:

- (a) worked for 1 hour or more for pay, profit, commission or payment in kind in a job or business, or on a farm (comprising employees, employers and self-employed persons);
- (b) worked for 1 hour or more without pay in a family business or on a farm (i.e. unpaid family helpers);
- (c) were employees who had a job but were not at work and were: on paid leave; on leave without pay for less than 4 weeks up to the end of the reference week; stood down without pay because of bad weather or plant breakdown at their place of employment for less than 4 weeks up to the end of the reference week; on strike or locked out; on workers' compensation and expected to be returning to their job; receiving wages or salary while undertaking full-time study or
- (d) were employers, self-employed persons or unpaid family helpers who had a job, business or farm, but were not at work.

Family. Two or more related persons (including relationships by blood, marriage or adoption) usually resident in the same household at the time of the survey. A family comprises a married couple or a family head as defined, together with any persons having any of the following relationships to them:

- (a) sons or daughters of any age, if not married and with no children of their own present;
- (b) other relatives if not accompanied by a spouse, sons or daughters, or parents of their own or
- (c) any children under 15 years of age who do not have a parent present.

Family head. The parent in the case of a one-parent family or in the case of other groups of related persons, generally defined to be the eldest person in the family. No family head is defined for a married-couple family.

Former workers. Unemployed persons who have previously worked full-time for 2 weeks or more but not in the past 2 years.

Full-time workers. Employed persons who usually worked 35 hours or more a week (in all jobs) and others who, although usually working less than 35 hours a week, worked 35 hours or more during the reference week.

Hours worked. The total number of hours a group of employed persons has actually worked during the reference week, not necessarily hours paid for.

Job leavers. Unemployed persons who have worked full-time for 2 weeks or more in the past 2 years and *left that job voluntarily*, that is, because of unsatisfactory work arrangements, pay or hours; the job was seasonal, temporary or a holiday job and they left that job to return to studies; their last job was running their own business and they closed down or sold that business for reasons other than financial difficulties or any other reasons.

Job losers. Unemployed persons who have worked full-time for 2 weeks or more in the past 2 years and *left that job involuntarily*, that is, were laid off or retrenched from that job; left that job because of their own ill-health or injury; the job was seasonal or temporary and they did not leave that job to return to studies or their last job was running their own business and the business closed down because of financial difficulties.

Industry. Classified according to the *Australian Standard Industrial Classification (ASIC), 1983* (1201.0 and 1202.0).

Labour force. For any group, persons who were employed or unemployed, as defined.

Labour force status. A classification of the civilian population aged 15 years and over into employed, unemployed or not in the labour force, as defined. The definitions conform closely to the international standard definitions adopted by the International Conferences of Labour Statisticians.

Marital status. Persons are classified as married (husband and wife) if they are reported as being married (including de facto) and their spouse was a usual resident of the household at the time of the survey. The not married category comprises persons who have never married, or are separated, widowed or divorced, as well as those who, although reported as being married, did not have a spouse who usually lived in the household.

GLOSSARY – continued

Median duration of unemployment. The duration which divides unemployed persons into two equal groups, one comprising persons whose duration of unemployment is above the median and the other, persons whose duration is below it.

Not a member of a family. A person who is not related to any other member of the household in which they are living.

Not in the labour force. Persons who were not in the categories employed or unemployed, as defined. They include persons who were keeping house (unpaid), retired, voluntarily inactive, permanently unable to work, persons in institutions (hospitals, jails, sanatoriums, etc.), trainee teachers, members of contemplative religious orders and persons whose only activity during the reference week was jury service or unpaid voluntary work for a charitable organisation.

Occupation. Classified according to the *Australian Standard Classification of Occupations (ASCO), 1986 (1222.0)*.

Other families. One-parent families and families in which there is no parent, for example a family head living with a brother or sister.

Participation rate. For any group, the labour force expressed as a percentage of the civilian population aged 15 years and over in the same group. Participation rates for persons classified by birthplace are calculated using population estimates which exclude those in institutions. Participation rates for persons classified by school or tertiary educational institution attendance are calculated using population estimates which include those in institutions.

Part-time workers. Employed persons who usually worked less than 35 hours a week and who did so during the reference week.

Seasonally adjusted series. A time series of estimates with the estimated effects of normal seasonal variation removed. See paragraph 20 of the Explanatory Notes for more detail.

Statistical regions. Classified according to the *Australian Standard Geographical Classification (ASGC), Edition 8 (2616.0)*.

Status of worker. Employed persons classified by whether they were employers, self-employed persons, wage and salary earners (employees), or unpaid family helpers.

Trend series. A smoothed seasonally adjusted series of estimates. See paragraphs 21 and 22 of the Explanatory Notes for more detail.

Unemployed. Persons aged 15 years and over who were not employed during the reference week and:

- (a) had actively looked for full-time or part-time work at any time in the 4 weeks up to the end of the reference week and:
 - (i) were available for work in the reference week or would have been available except for temporary illness (i.e. lasting for less than 4 weeks to the end of the reference week) or
 - (ii) were waiting to start a new job within 4 weeks from the end of the reference week and would have started in the reference week if the job had been available then or
- (b) were waiting to be called back to a full-time or part-time job from which they had been stood down without pay for less than 4 weeks up to the end of the reference week (including the whole of the reference week) for reasons others than bad weather or plant breakdown.

Unemployed persons classified by industry and occupation. Unemployed persons who had worked full-time for 2 weeks or more in the last 2 years are classified according to the industry and occupation of their most recent full-time job.

Unemployed looking for full-time work. Unemployed persons who actively looked for full-time work or were to resume a full-time job, from which they had been stood down.

Unemployed looking for part-time work. Unemployed persons who had actively looked for part-time work only or were to resume a part-time job, from which they had been stood down.

Unemployment rate. For any group, the number of unemployed persons expressed as a percentage of the labour force in the same group.

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